YAMAHA
Revs Your Heart

INDIA YAMAHA MOTOR PVT. LTD.

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August 10, 2026
IYM/Environmental Clearance (EC)/ Half-Yearly Compliance Report /August /1/2026

The Member Secretary,
Tamil Nadu Pollution Control Board,
No-76, Mount Road,
Guindy, Chennai-600 032

Dear sir,

Sub: **M/s. India Yamaha Motor Private Limited** - Submission of the Half-Yearly Compliance Report (HYCR) for the – "Proposed Expansion of the unit for manufacturing of motorcycle & scooter" at Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu– Regarding

Ref:

1. EC Issued Identification no: EC25B3813TN5181462N Dt. 27/02/2025 | File No.11745
2. EC Identification No. EC25B3813TN5560696A Dt. 19/12/2025 | File No. 13009

We are submitting the **Half-Yearly Environmental Clearance Compliance Statement for the Proposed Expansion of the unit for manufacturing of motorcycle & scooter** in Chennai at Survey No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1 B(Part) of Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu, for June 2026, covering the period from October 2025 to March 2026, along with supporting documents for your perusal.

Thanking You,

Yours truly,
For India Yamaha Motor Pvt. Ltd.,

Authorized Signature

தமிழ்நாடு மாசு கட்டுப்பாடு வாரியம்
17 AUG 2026
சென்னை-600 032

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Copy to

1. The Director,
   The Ministry of Environment and Forest & Climate Change,
   Integrated Regional Office,
   1st Floor, Additional Office Block for GPOA,
   Shastri Bhawan, Haddows Road,
   Nungambakkam, Chennai – 600 006

2. The Director,
   CPCB Zonal Office,
   77-A, South Avenue Road,
   Ambattur Industrial Estate,
   Ambattur Taluk,
   Thiruvallur District,
   Chennai – 600 058.

3. The Member Secretary,
   State Level Environment Impact Assessment Authority,
   9th Floor, CMRL Building,
   No. 32, Anna Salai, Nandanam,
   Chennai - 600 035

SIX-MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

(For the period of October 2025 to March 2026)

"Proposed Expansion of the unit for manufacturing of motorcycle & scooter"

1. EC Issued Identification no: EC25B3813TN5181462N

Dt. 27/02/2025 File No. 11745

2. EC Identification No. EC25B3813TN5560696A

Dt. 19/12/2025 File No. 13009

At

Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu

Submitted By

M/s. India Yamaha Motor Private Limited

Prepared by

ENVIRONMENTAL CONSULTANT

HUBERT ENVIRO CARE SYSTEMS LTD

CHENNAI

June 2026

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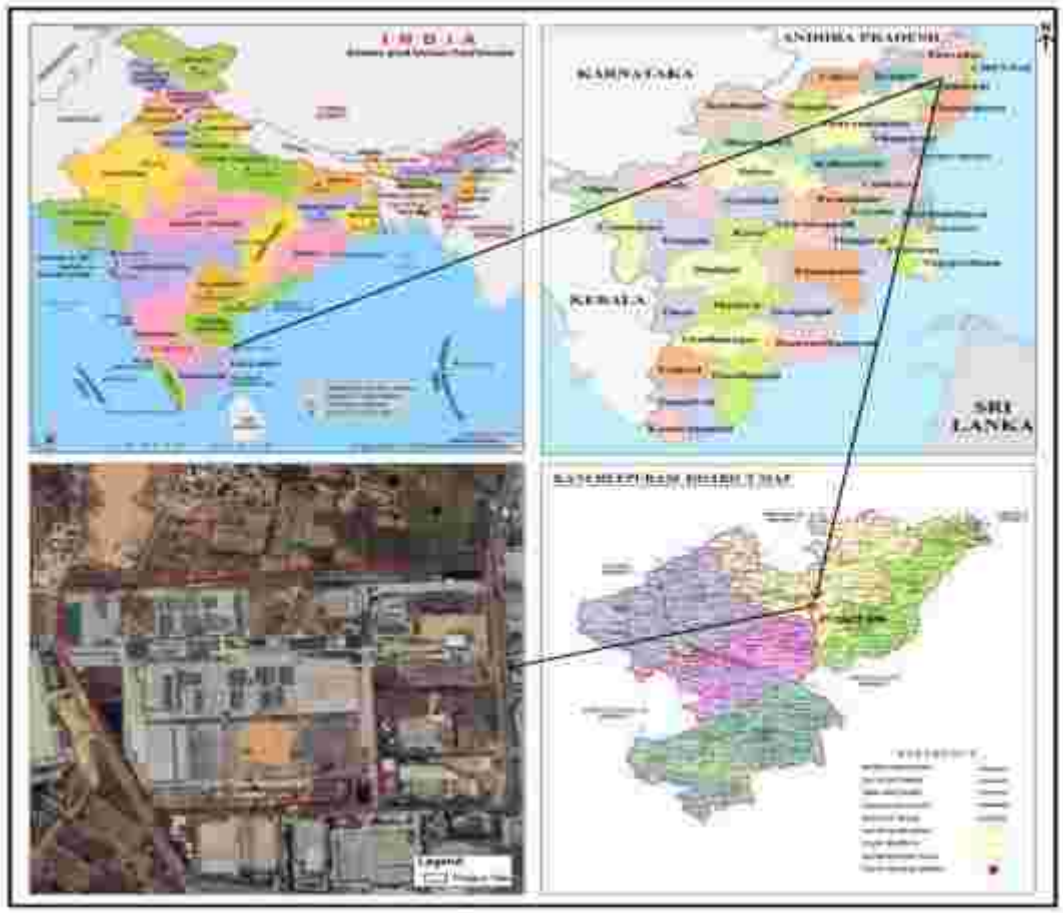
1.0 PROJECT DETAILS

M/s. India Yamaha Motor Private Limited

Name of the Project	INDIA YAMAHA MOTOR PVT LTD
Location	Survey No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1 B(Part) of Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu
Plot Area (in sq. m)	Existing: 1,48,876.53 After expansion: 4,48,104.36
Proposed Built up area (in sq. m)	Proposed: 22,113.47 Total after Expansion: 1,70,990.00
Cost of Project	Existing Project Cost: 1789.03 crores Proposed Project cost: 180.21crores Total Project Cost: 1969.24 crores
Water Requirement	Construction phase-100 KLD (Source-Private tankers) Operation phase- 1303.6 KLD
Total Power Requirement DG set backup	7 MVA 750x2 500x3 1250x1 100x1 2015x1 - (8 sets)
Details of Green Belt Area	1,12,857.28 (25.18%)
Rainwater Harvesting - Recharge Pits	4 Pond &Roof Collection System
EMP Cost (Lakhs)	Capital cost: 67.15 Crores (Existing – 62.39 & Additional – 180.21) Recurring cost: 8.4315 Crores
CER activity and Cost	CER Activities | Estimated Cost | Timeline to Complete

(Lakhs)			(tentative)
	CER amount will be spent to provide a side wheel attachment (commonly called a tricycle conversion kit or sidecar) on 667 two-wheelers for physically challenged individuals	2 Crores	1 year
	Total	2 Crores	

2.0 SITE LOCATION MAP



3.0 SITE PHOTOGRAPH

4 .0 SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

S.NO	EC CONDITIONS	COMPLIANCE
General Instructions:		
	(i)The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.	**Condition Complied.** Advertised in two local newspapers and the copy is enclosed as **Annexure-2**
	(ii)The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.	**Condition Complied.** EC copy is submitted at SIPCOT office and the acknowledgment copy is attached as **Annexure-2A**
	(iii)The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.	**Condition complied** Environmental Policy has been developed and approved by the authorized person. Policy copy is attached as **Annexure-3**
	(iv)Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for	**Condition agreed to comply**

	environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	
	(v)Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	**Condition noted and accepted**
	(vi)Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	**Condition noted.** There is no appeal against this EC.
Specific EC Conditions for (Building / Construction) **1. Seiaa Specific Conditions:**		
1.1	i) The building plan & design should strictly adhere to LCA norms.	**Condition noted.**
	ii) The energy conservation and energy reduction measures should be followed.	**Condition noted and accepted.**
	iii) The PP shall adopt strategies to reduce the increase in temperature.	**Condition noted.**
	iv) The building geometry, design & engineering should ensure congestion free atmosphere within and outside.	**Condition noted.**
	v) The wind direction & the aerodynamics should not be disturbed	**Condition noted.**

	because of the proposed building.	
	vi) The building design should not impair the visibility.	**Condition noted.**
	vii) There should be enough green space within and outside the building.	**Condition noted.**
	viii) The building design and engineering should not lead to oxygen starvation.	**Condition noted.**
	ix) Cool roofs should be provided to curtail heat absorption.	**Condition noted.**
	x) The PP shall incorporate new breakthrough technologies for water conservation, energy conservation before obtaining CTO.	**Condition noted.**
2. Seiaa Standard Conditions:		
	Climate Change 1. The proponent shall adopt strategies to decarbonize the building, reduce carbon footprints and develop strategies for climate proofing and mitigation.	**Condition noted and accepted.**
	2. The proponent shall adopt strategies to reduce carbon & GHG emissions during operation (operational phase and building materials).	**Condition accepted and agreed to comply.**
	3. The proponent shall adopt methodology to control thermal environment and other shocks in the building.	**Condition noted.**
	4. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.	**Condition noted.**
	5. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.	**Condition noted.**

	6. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.	**Condition accepted and noted.**
	7. The proponent shall ensure that the buildings does not cause any damage to water environment, air quality and should be carbon neutral building.	**Condition noted.**
	Health 8. The proponent shall adopt strategies to maintain the health of the inhabitants within and in the vicinity.	**Condition noted.**
	Energy 9. The proponent shall adopt strategies to reduce electricity demand and consumption.	**Condition accepted and noted.**
	10. The proponent shall provide provisions for automated energy efficiency.	**Condition noted.**
	11. The proponent shall provide provisions for controlled ventilation and lighting systems.	**Condition accepted and noted.**
	12. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.	**Condition accepted and noted.**
	Regulatory Frameworks. 13. The proponent shall effectively implement and strictly adhere to the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries	**Condition accepted and noted.**

	(Management and Handling) Rules, 2001.	
	14. The proponent shall provide elevator as per rules CMDA/DTCP.	**Condition will be complied**
	Database maintenance & audits 15. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.	**Condition accepted and noted.**
	16. The proponent should maintain environmental audits to measure and mitigate environmental concerns.	**Condition noted.**
	Biodiversity 17. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.	**Condition noted.**
	18. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.	**Condition noted.**
	19. The proponent shall ensure utmost safety for the existing biodiversity, trees, flora & fauna and the critically endangered species & endangered species shall not disturb under any circumstances.	**Condition noted.**
	20. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.	**Condition noted.**
	21. The proponent shall adopt strategies to prevent birds getting hit by the high buildings.	**Condition noted.**
	Safety measures 22. The proponent should develop an emergency response plan & safety evacuation plan (including disabled	**Condition will be complied**

	people) in addition to the disaster management plan.	
	23. All bio-safety standards, hygienic standards and safety norms of working staff to be strictly followed as stipulated in EIA/EMP.	**Condition noted.**
	24. The disaster management/disaster mitigation standards& fire safety standards as prescribed by competent authorities.	**Condition noted.**
	25. The proponent shall provide the emergency exit in the buildings.	**Condition complied** Emergency exits were provided.
	Water/Sewage 26. The proponent shall ensure that no untreated sewage is let outside the project site under any circumstances. Further, the treated water shall not be disposed off through any other means other than the permitted mode of disposal.	**Condition noted and accepted.** We ensure that no untreated sewage is let outside the project site under any circumstances.
	27. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.	**Condition being complied** STP is operated continuously & efficiently. Regular monitoring report is carried out for STP water. Latest monitoring report is attached as **Annexure-4**
	28. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB & IRO of MoEF&CC.	**Condition being complied** Regular monitoring report is carried out for treated sewage. Latest monitoring report is attached as **Annexure-4**
	29. The proponent shall ensure that provision should be given for proper utilization of recycled water.	**Condition noted and accepted.**
	30. The project proponent shall adhere to storm water management plan as	**Condition noted**

	committed.	
	Parking 31. The project proponent shall provide adequate parking space for visitors of all inmates including clean traffic plan as committed.	**Condition complied** Parking facility is provided inside the project premises.
	Solid waste Management 32. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.	**Condition noted and accepted.**
	33. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	**Condition complied** We ensure that the project premises will be free from single use plastic. Single use plastic ban policy photograph is attached as **Annexure-5**
	EMP 34. The proponent shall strictly adhere to the EIA/EMP report.	**Condition noted.**
	35. The proponent shall ensure that the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.	**Condition will be complied**
	Others 36. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.	**Condition noted and accepted.**
	37. The project proponent shall adhere to height of the buildings as committed.	**Condition noted.**
1.Statutory Compliance		
	1.1 The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement	**Condition complied** Building plan approval No. SWP/BPA/0430886/2024 has obtained

	of work. All the construction shall be done in accordance with the local building byelaws.	from DTCP Kancheepuram office and the copy is attached as **Annexure-6**
	1.2 The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire-fighting equipment etc. as per National Building Code including protection measures from lightening etc.	**Condition complied** Building certificate for stability No. H1/25147/2023 is obtained and the copy is attached as **Annexure-7** Fire license No. 24493/ RFL/ NMSB /2025 is obtained and the copy is attached as **Annexure-8** Fire hydrant layout is attached as **Annexure-8a.** Lightning arrestor is installed at the top of the buildings.
	1.3 The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	**Not applicable**
	1.4 The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	**Not applicable**
	1.5 The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	**Condition complied.** CTE Expansion No. 2506261899047 dated 07/04/2025 has obtained and the copy is attached as **Annexure-9** CTO Expansion-II No. 2607273064387 dated 17/04/2026 has obtained and the copy is attached as **Annexure-9a.**
	1.6 A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	**Condition complied** Power requirement is met by TANGEDCO. Latest bill copy is attached as

		Annexure-50
	1.7 All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	**Condition complied.** Fire license No. 24493/ RFL/ NMSB /2025 is obtained and the copy is attached as **Annexure-8** PESO License S/HO/ TN/03/ 1003 (S61421) dated 28/07/2014 has obtained for storage of Liquid Nitrogen, Liquid Argon and Carbon dioxide and the copy is attached as Annexure-9 PESO License S/HO/ TN/03/ 1043 (S59330) dated 01/02/2015 has obtained for storage of Liquid propane and the copy is attached as **Annexure-9.** PESO License S P/SC/TN/16/191 (P337758) dated 24/12/2024 has obtained for storage of Petroleum and the copy is attached as **Annexure-9.**
	1.8 The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	**Condition being complied** Non-biodegradable solid wastes are disposed to recyclers. Agreement copy for the waste disposal is attached as **Annexure-51**
	1.9 The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	**Condition being complied** Energy conservation measures were taken and being followed. Details attached as **Annexure-46**
2.Air Quality Monitoring And Preservation		
	2.1 Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction	**Condition accepted and noted**

	and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	
	2.2 A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	**Condition noted.**
	2.3 The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	**Condition complied.** Ambient air quality is monitored regularly by NABL Accredited laboratory and the latest monitoring report is attached as **Annexure-4**
	2.4 Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	**Condition complied** Acoustic enclosed DG sets with adequate stacks are installed. Latest DG stack emission monitoring report is attached as **Annexure-4.**
	2.5 Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	**Condition complied**
	2.6 Sand, murram, loose soil, cement, stored on site shall be covered adequately	**Condition noted**

	so as to prevent dust pollution.	
	2.7 Wet jet shall be provided for grinding and stone cutting.	**Condition noted**
	2.8 Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	**Condition noted**
	2.9 All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	**Condition noted**
	2.10 The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	**Condition complied** Acoustic enclosed DG sets with adequate stacks are installed. DG stack emission monitoring report is attached as **Annexure-4.**
	2.11 The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	**Condition complied** Acoustic enclosed DG sets with adequate stacks are installed. DG stack emission monitoring and noise monitoring report is attached as **Annexure-4.**
	2.12 For indoor air quality the ventilation provisions as per National Building Code of India.	**Condition complied** The provisions for maintaining indoor air quality are being strictly followed.
3.Water Quality Monitoring And Preservation		
	3.1 The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage	**Condition noted and accepted.** No construction will be allowed in the storm water drainage.

	through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	
	3.2 Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	**Condition noted**
	3.3 Total fresh water use shall not exceed the proposed requirement as provided in the project details.	**Condition noted and accepted.**
	3.4 The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	**Condition will be complied.**
	3.5 A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available.	**Condition complied** Water requirement is met by SIPCOT. SIPCOT allotment letter Ref.No.P &SP /SIP-VV/I. YAMAHA/1/2013 dated: 09/04/2015 is obtained ad the copy is attached as **Annexure-25**
	3.6 At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	**Condition accepted and noted.**
	3.7 Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	**Condition complied** Dual plumbing system is installed for the project activity. Layout is attached as **Annexure-26**

	3.8 Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	**Condition noted.**
	3.9 Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	**Condition complied** Dual plumbing system is installed for the project activity. Layout is attached as **Annexure-26**
	3.10 Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	**Condition noted.**
	3.11 The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	**Condition complied** Rainwater harvesting pond is provided inside the project premises. Rainwater harvesting facility details is attached as **Annexure-11**
	3.12 A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse.	**Condition complied** Rainwater harvesting facility with storage pond is provided. Rainwater harvesting facility details is attached as **Annexure-11**
	3.13 All recharge should be limited to shallow aquifer.	**Condition noted.**
	3.14 No ground water shall be used during construction phase of the project.	**Condition noted.** Water requirement during construction phase is met by private tankers and the bill copy is attached as **Annexure-27**

	3.15 The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	**Condition will be complied**
	3.16 Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	**Condition being complied** Treated water is used for Gardening purpose. STP adequacy report is attached as **Annexure-28.** No treated water is disposed to municipal drains.
	3.17 No sewage or untreated effluent water would be discharged through storm water drains.	**Condition noted.** No sewage or untreated effluent water is discharged through storm water drain.
	3.18 Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	**Condition complied** STP capacity of 400KLD is installed. STP adequacy report is attached as **Annexure-28** Treated water is used for gardening purpose.
	3.19 Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	**Condition being complied** Regular monitoring is carried out for the treated sewage.

		Latest monitoring report is attached as **Annexure-4.**
	3.20 Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	**Condition being complied** Sewage sludge was efficiently dewatered through a screw press and dried in the sludge bed. The resulting organic manure is sustainably reused for garden. Photograph is attached as **Annexure-29.**
4. Noise Monitoring And Prevention		
	4.1 Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	**Condition complied** Ambient noise level is monitored during construction phase. TNPCB ROA Report is attached as **Annexure-30**
	4.2 Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	**Condition being complied** Regular monitoring is carried out and the latest monitoring report is attached as **Annexure-4**
	4.3 Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	**Condition complied** Acoustic enclosed DG sets are installed for the project activity.
5.Energy Conservation Measures		
	5.1 Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be	**Condition noted and accepted.**

	ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	
	5.2 Outdoor and common area lighting shall be LED.	**Condition complied** LED lights are installed.
	5.3 Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	**Condition complied** Solar panels were installed at the roof top and the details of solar energy is attached as **Annexure-12**
	5.4 Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	**Condition complied** LED lights are installed inside and outside the building.
6. Waste Management		
	6.1 A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	**Condition will be complied**
	6.2 Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	**Condition noted.** Adequate precautionary steps were taken to prevent pollution.
	6.3 Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	**Condition complied** Separate wet and dry bins were installed at the project site.

	6.4 Organic waste compost / Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	**Condition noted.**
	6.5 All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	**Condition will be complied**
	6.6 Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	**Condition noted.**
	6.7 Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	**Condition Complied.** Fly ash blocks were used as construction material and the bill copy is attached as **Annexure-13.**
	6.8 Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	**Condition Complied.** Fly ash blocks were used as construction material and the bill copy is attached as **Annexure-13.**
	6.9 Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	**Condition noted and accepted.**
	6.10 Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	**Condition complied** EPR certificate No. B-29016(11519) dated: 03-10-2025 is obtained for disposal of E-waste and the copy is attached as **Annexure-14**

7. Green Cover		
	7.1 No tree can be felled /transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	**Condition noted and accepted.** No trees were cut for the project activity.
	7.2 A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	**Condition accepted and noted.** No trees were cut for the project activity.
	7.3 Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	**Condition accepted and noted.** No trees were cut for the project activity.
	7.4 Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	**Condition noted.** Top soil is used for the construction purpose.
8. Transport		
	8.1 A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include	**Condition Complied.** Traffic plan layout is attached as

	motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	**Annexure-15**
	8.2 Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	**Condition complied.** No Pollution load certificate is attached as **Annexure-32**
9.		
	9.1 A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	**Condition Complied.** Traffic plan layout is attached as **Annexure-15**
10. Human Health Issues		

	10.1 All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	**Condition being complied** Proper PPE has provided to the workers. Photograph is attached as **Annexure-31.**
	10.2 For indoor air quality the ventilation provisions as per National Building Code of India.	**Condition noted**
	10.3 Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	**Condition complied** Risk assessment is developed with the fire safety plan and evacuation plan. Copy is attached as **Annexure-21**
	10.4 Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	**Condition complied** The construction workers were outsourced. Adequate sanitary facilities were provided to the workers.
	10.5 Occupational health surveillance of the workers shall be done on a regular basis.	**Condition complied** Medical check-up is carried for the construction workers and the copy of the report is attached as **Annexure-33**
	10.6 A First Aid Room shall be provided in the project both during construction and operations of the project.	**Condition complied** For construction phase, first aid room is provided inside the project facility and the photograph is attached as **Annexure-19.**
11. Miscellaneous		
	11.1 The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating	**Condition Complied.** Advertised in two local newspapers and the copy is enclosed as **Annexure-2**

	that the project has been accorded environment clearance and the details of MoEFCC /SEIAA website where it is displayed.	
	11.2 Environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	**Condition Complied.** EC copy is submitted at SIPCOT office and the acknowledgment copy is attached as **Annexure-2A**
	11.3 The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	**Condition will be complied**
	11.4 The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	**Condition will be complied**
	11.5 The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	**Condition complied** Environmental Policy has been developed and approved by the authorized person. Policy copy is attached as **Annexure-3**

	11.6 A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	**Condition complied** Environmental cell is setup and the organogram copy is attached as **Annexure-16**
	11.7 Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	**Condition will be complied**
	11.8 The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	**Condition complied** Environmental statement in Form-V is submitted for every financial year and the latest copy is attached as **Annexure-17**
	11.9 The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	**Condition noted and accepted.**
	11.10 The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	**Condition noted.**
	11.11 The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their	**Condition noted.**

	presentation to the State Expert Appraisal Committee.	
	11.12 No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC)/SEIAA-TN.	**Condition noted and accepted.**
	11.13 Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	**Condition noted and accepted.**
	11.14 The Ministry/SEIAA-TN may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	**Condition noted.**
	11.15 The Ministry/SEIAA-TN reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	**Condition noted.**
	11.16 The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	**Condition noted.**
	11.17 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts	**Condition noted.**

	and any other Court of Law relating to the subject matter.	
	11.18 Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	**Condition noted.** There is no appeal against this EC.
12. Specific Conditions		
	12.1 Recommendations of mitigation measures from possible accident shall be implemented based on Risk Assessment studies conducted for worst case scenarios using latest techniques.	**Condition noted.**
STANDARD CONDITIONS		
Part A Common conditions applicable for Pre-construction, Construction and Operational Phases:		
1	Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	**Condition noted.** There is no appeal against this EC.
2	The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	**Condition complied** We confirm that all such utilities are constructed strictly in the earmarked zones without any change in location. Site plan is enclosed as **Annexure-34**
3	The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority State Level Expert Appraisal Committee should be implemented in the letter and spirit.	**Condition noted.**
4	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue	**Condition complied.** Fire license No. 24493/ RFL/ NMSB /2025 is obtained and the copy is

	Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State/Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	attached as **Annexure-8** PESO License S/HO/ TN/03/ 1003 (S61421) dated 28/07/2014 has obtained for storage of Liquid Nitrogen, Liquid Argon and Carbon dioxide and the copy is attached as Annexure-9 PESO License S/HO/ TN/03/ 1043 (S59330) dated 01/02/2015 has obtained for storage of Liquid propane and the copy is attached as **Annexure-9.** PESO License S P/SC/TN/16/191 (P337758) dated 24/12/2024 has obtained for storage of Petroleum and the copy is attached as **Annexure-9.**
5	The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.	**Condition accepted and noted.**
6	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	**Condition agreed to comply.** Compliance of all the conditions of Environmental Clearance will be maintained.
7	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the	**Condition complied** Environmental statement in Form-V is submitted for every financial year and the latest copy is attached as **Annexure-17**

	Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	
8	The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data information /monitoring reports.	**Condition noted.** We will give full cooperation to the officer (s) of the Regional Office by furnishing the requisite data information /monitoring reports.
9	"Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	**Condition Complied** CTE Expansion No. 2506261899047 dated 07/04/2025 has obtained and the copy is attached as **Annexure-9**
10	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	**Condition noted.** Any change in project scope will be submitted to SEIAA/SEAC for fresh appraisal.
11	The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.	**Condition noted.** We acknowledge that all relevant environmental laws apply and will ensure full compliance.

12	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	**Condition accepted and noted.**
13	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	**Condition accepted and noted.**
14	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM10, PM25, SO2, NO, (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	**Condition will be complied.** The six monthly report will be submitted to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB and same will be uploaded in the company website.
15	The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.	**Condition accepted and noted.**
16	The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the	**Condition accepted and noted.**

	Environmental Clearance.	
17	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	**Condition accepted and noted**
18	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	**Condition accepted and noted**
19	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.	**Condition accepted and noted.**
20	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	**Condition complied** Environmental cell is setup and the organogram copy is attached as **Annexure-16**
21	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	**Condition agreed to comply**
22	The Project Proponent has to provide adequate rain water harvesting pits as committed s to recover and reuse the rain water during normal rains as reported.	**Condition complied** Rainwater harvesting facility is provided and the details is attached as **Annexure-11**
23	The project activity should not cause any disturbance & deterioration of the local bio diversity.	**Condition noted.**

24	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.	**Condition accepted and noted.**
25	All the assessed flora & fauna should be conserved and protected.	**Condition noted.**
26	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	**Condition complied** The project premise is free from single use plastic. Single use plastic ban policy photograph is attached as **Annexure-5**
27	Necessary permission shall be obtained from the competent authority for the drawl/outsourcing of fresh water before obtaining consent from TNPCB.	**Condition complied** Water requirement is met by SIPCOT. SIPCOT allotment letter Ref.No.P &SP /SIP-VV/I. YAMAHA/1/2013 dated: 09/04/2015 is obtained ad the copy is attached as **Annexure-25**
28	The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)	**Condition complied** Environmental Engineer is appointed for the operation of water treatment plants. Organogram chart is attached as **Annexure-16.**
29	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	**Condition Complied** Sanitary napkins is collected separately and disposed and the photograph is attached as **Annexure-35**
30	All the mitigation measures committed by the proponent for the flood	**Condition accepted and noted.** All the mitigation measures are

	management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	followed strictly.
31	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	**Condition accepted and noted.** No waste will be discharged into water bodies, drains, or surrounding environment.
32	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	**Condition being complied** Traffic congestion near the entry and exit points from the roads is avoided. Traffic plan layout is attached as **Annexure-15**
33	The safety measures proposed in the report should be strictly followed.	**Condition noted.** All the safety measures are strictly followed.
Part-B-Specific Conditions - Pre construction phase:		
1	The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	**Condition Complied.** Advertised in two local newspapers and the copy is enclosed as **Annexure-2**
2	In the case of any change(s) in the scope of the project, a fresh appraisal appraisal by SEAC/SEIAA shall be obtained before implementation.	**Condition accepted and noted.** There is no any changes in the scope of the project.
3	A copy of the clearance letter shall be sent by the proponent to the Local Body.	**Condition Complied.** EC copy is submitted at SIPCOT

	The clearance letter shall also be put on the website of the Proponent.	office and the acknowledgment copy is attached as **Annexure-2A**
4	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.	**Condition complied** Building stability certificate no. H1/25147/2023 is obtained and the copy is attached as **Annexure-7** Fire license No. 24493/ RFL/ NMSB /2025 is obtained and the copy is attached as **Annexure-8** Fire hydrant layout is attached as **Annexure-8a.** Lightning arrestor is installed at the top of the buildings.
5	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	**Condition Complied** Adequate sanitary facilities were provided to the workers.
6	Design of buildings should be in conformity with the Seismic Zone Classifications.	**Condition noted.** Seismic device photograph is attached as **Annexure-36.**
7	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	**Condition complied** Building plan approval No. SWP/BPA/0430886/2024 has obtained from DTCP Kancheepuram office and the copy is attached as **Annexure-6**
8	No construction activity of any kind shall be taken up in the OSR area.	**Condition noted.** We confirm that no construction activity will be undertaken in the OSR area.
9	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage	**Condition Complied** Treated water is used for gardening purpose.

	shall satisfy the bathing quality prescribed by the CPCB.	Latest treated water monitoring report is attached as **Annexure-4.**
10	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	**Not Applicable**
11	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	**Condition Complied** Parking facility is provided.
12	The project proponent shall ensure the entry of basement shall be above maximum flood level.	**Condition Complied** The buildings are above the maximum flood levels.
13	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details. i. Location of STP, compost system, underground sewer line. ii. Pipe Line conveying the treated effluent for green belt development. iii. Pipe Line conveying the treated effluent for toilet flushing iv. Water supply pipeline v. Gas supply pipe line, if proposed vi. Telephone cable vii. Power cable viii. Strom water drains, and ix. Rain water harvesting system, ete. and it shall be made available to the owners	**Condition Complied** Site plan is prepared and the copy of the site layout is attached as **Annexure -18**
14	A First Aid Room shall be provided in the project site during the entire	**Condition Complied**

	construction and operation phases of the project.	Occupational Health Centre is provided inside the project premises and the photograph is attached as **Annexure-19**
15	The present land use surrounding the project site shall not be disturbed at any point of time.	**Condition noted.**
16	The green belt area shall be planted with indigenous native trees.	**Condition complied** Around 1,12,857.28 Sq.m of greenbelt is developed and maintained and the details of the greenbelt is attached as **Annexure-20**
17	Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.	**Condition accepted and noted.**
18	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	**Condition noted.**
19	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	**Condition noted.**
20	There should be Fire fighting plan and all required safety plan.	**Condition complied** Risk assessment is developed with the fire safety plan and evacuation plan. Copy is attached as **Annexure-21**
21	Regular fire drills should be held to create awareness among owners/ residents.	**Condition Complied** Regular fire drills are carried out and the latest mock drill is carried out on 20th June 2026. Photograph is attached as **Annexure-22**
Part-C-Specific Conditions - Construction phase:		

1	**Construction Schedule:** i) The proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.	**Condition Complied** Project schedule is developed and the copy is attached as **Annexure-40**
2	**Labour Welfare:** i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.	**Condition Complied** Medical examinations of the laborers were carried out and the test reports are attached as **Annexure-33.**
	ii) Personnel working in dusty areas should protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	**Condition Complied** Proper PPE were provided to the workers during construction and the photograph is attached as **Annexure-31.** Medical examinations of the laborers were carried out and the test reports are attached as **Annexure-33.**
	iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.	**Condition Complied** Proper PPE were provided to the workers during construction and the photograph is attached as **Annexure-31.** Medical examinations of the laborers were carried out and the test reports are attached as **Annexure-33.**
3	**Water Supply:** i) The entire water requirement during construction phase may be met from private tankers	**Condition Complied** Water requirement is met by private tankers during construction phase and the bill copy is attached as **Annexure-27.**
	ii) Provision shall be made for the housing labor within the site with all	**Condition complied**

	necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Construction labours were outsourced.
	iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	**Condition complied** Adequate sanitary facilities were provided for the workers at the site.
	iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.	**Condition complied** Admixture- Auramix 200 is used in construction material and the details of the admixtures is attached as **Annexure-41**
	v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises/sensor based control.	**Condition complied** Low flow taps were installed.
4	**Solid Waste Management:** i) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.	**Condition complied** Sewage sludge was efficiently dewatered through a screw press and dried in the sludge bed. The resulting organic manure is sustainably reused for garden. Photograph is attached as **Annexure-29.**
	ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent	**Condition complied** Separate area is provided for storage and disposal of hazardous waste

	bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.	includes E-waste. EPR certificate No. B-29016(11519) dated: 03-10-2025 is obtained for disposal of E-waste and the copy is attached as **Annexure-14**
	iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.	**Condition being complied** Separate bins were provided to collect and disposal of domestic solid waste.
	iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	**Condition accepted and noted.**
	v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.	**Condition complied** Separate area is provided for storage and disposal of hazardous waste includes E-waste. EPR certificate No. B-29016(11519) dated: 03-10-2025 is obtained for disposal of E-waste and the copy is attached as **Annexure-14**
5	**Top Soil Management:** i) All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	**Condition complied** Top soil excavated during construction is used inside the project premises. Photograph is attached as **Annexure-42**
6	**Construction Debris disposal:** i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction	**Condition accepted and noted.**

	and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.	
	ii) Construction spoils, including bituminous materials and other hazardous materials must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/lake/ stream etc.	**Condition accepted and noted.**
7	**Diesel Generator sets:** 1) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.	**Condition complied** Ambient air noise level is monitored during construction phase. TNPCB ROA Report is attached as **Annexure-30**
	ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.	**Condition Complied** PESO License S P/SC/TN/16/191 (P337758) dated 24/12/2024 has obtained for storage of Petroleum and the copy is attached as **Annexure-9.**
	iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	**Condition Complied** Acoustic enclosed DG sets were used during construction phase. Photograph attached as **Annexure-43**
8	**Air & Noise Pollution Control:** 1) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	**Condition Complied** Vehicles hired for bringing construction materials to the site were in good condition. Pollution under control certificate copy is attached as **Annexure-32.**

	ii) Ambient air and noise levels should residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	**Condition complied** Ambient air noise level is monitored during construction phase. TNPCB ROA Report is attached as **Annexure-30**
	iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.	**Condition complied** Traffic congestion near the entry and exit points from the roads adjoining the proposed project site is avoided. Traffic plan layout is attached as **Annexure-15.**
	iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	**Condition complied** Buildings have adequate distance.
	v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at interval to control the dust emission within regular the project site.	**Condition complied** Water sprinkling method is carried out to prevent air pollution.
9	**Building material:** 1) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.	**Condition Complied** Fly ash blocks were used as construction material and the bill copy is attached as **Annexure-13.**

	ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.	**Condition Complied** RMC for construction is outsourced. Bill copy is attached as **Annexure-44**
	iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	**Condition Complied** High quality glass were used.
10	**Storm Water Drainage:** i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.	**Condition Complied** Storm water management plan is attached as **Annexure-11A**
	ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.	**Condition will be Complied**
11	**Energy Conservation Measures:** 1) Roof should meet per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement.	**Condition complied** Thermal insulation material is used. Photograph is attached as **Annexure-45**
	ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air-conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.	**Condition complied** Opaque wall is installed.
	iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.	**Condition complied** Solar panels were installed on the roof top. Details of solar energy are attached as **Annexure-12.**

	iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	**Condition complied** Solar panels were installed. Details of solar energy are attached as **Annexure-12.**
	v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors ete and submitted to the SEIAA in three month's time.	**Condition Complied** Energy conservation measures report is prepared and the copy of the report is attached as **Annexure-46.**
	vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	**Condition Complied** LED lights were installed.
12	**Fire Safety:** i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.	**Condition Complied** Adequate fire protection equipment were installed. Fire hydrant layout is attached as **Annexure-8A.**
	ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.	**Condition Complied** Free approach roads were provided.
13	**Green Belt Development:** i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	**Condition Complied** Around 1,12,857.28 Sq.m of greenbelt is developed and maintained with native tress species. The details of the greenbelt along with the layout is attached as **Annexure-20**

	ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	**Condition Complied** Greenbelt photograph with Geo-tag photograph is attached as **Annexure-47**
	iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	**Condition Complied** Greenbelt is developed as per the plan. Layout copy is attached as **Annexure-20.**
14	**Sewage Treatment Plant:** i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	**Condition complied** STP adequacy report is attached as **Annexure-28.**
	ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	**Condition complied** 400 KLD capacity of STP is installed and the copy of the latest monitoring report is attached as **Annexure-4**
	iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.	**Condition being complied** STP and ETP are operated efficiently and continuously. The copy of the latest monitoring report is attached as **Annexure-4**
	iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.	**Condition being complied** STP and ETP are operated efficiently and continuously. The copy of the latest monitoring

		report is attached as **Annexure-4**
	v) The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.	**Condition complied** STP and ETP are operated efficiently and continuously. Treated water is used for gardening purpose. The copy of the latest monitoring report is attached as **Annexure-4**
	vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.	**Condition complied** STP is connected to centralized DG set for the continuous operation.
15	**Rain Water Harvesting:** i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	**Condition complied** Rainwater harvesting facility is provided. Details of rainwater harvesting facility is attached as **Annexure-11.**
	ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	**Condition complied** Rainwater harvesting facility is provided. Details of rainwater harvesting facility is attached as **Annexure-11.**
	iii) The Project Proponent has to provide adequate rain water harvesting pits as committed to recover and reuse the rain water during normal rains as reported.	**Condition complied** Rainwater harvesting facility is provided. Details of rainwater harvesting facility is attached as **Annexure-11.**

	i) The project activity should not cause any disturbance & deterioration of the local bio diversity.	**Condition noted and accepted.**
16	**Building Safety:** Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.	**Condition complied** Lightning arrestor is installed at the roof top. Photograph is attached as **Annexure-48**
Part-D-Specific Conditions - Operational Phase/Post constructional phase/Entire life of the project:		
1	There should be Fire fighting plan and all required safety plan.	**Condition complied** Risk assessment is developed with the fire safety plan and evacuation plan. Copy is attached as **Annexure-21**
2	Regular fire drills should be held to create awareness among owners/ residents.	**Condition Complied** Regular fire drills are carried out and the latest mock drill is carried out on 20th June 2026. Photograph is attached as **Annexure-22**
3	Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.	**Condition complied** EPR certificate No. B-29016(11519) dated: 03-10-2025 is obtained for disposal of E-waste and the copy is attached as **Annexure-14**
4	The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.	**Condition noted.**
5	Solar energy saving shall be increased to atleast 10% of total energy utilization.	**Condition complied** Solar panels were installed at the roof top and the details of solar energy is attached as **Annexure-12**

6	The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.	**Condition being complied** Lake restoration activities for Velleri Lake and Selayanur Lake are being carried out. The details of the restoration activities are enclosed as **Annexure-49**.
7	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	**Condition agreed to comply**
8	The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.	**Condition not applicable**
9	The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.	**Condition not applicable**
10	The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.	**Condition agreed to comply.**
11	The project activities should in no way disturb the manmade structures.	**Condition noted.**
12	The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.	**Condition being complied** Around 1,12,857.28 Sq.m of greenbelt is developed and maintained and the details of the greenbelt is attached as **Annexure-20**
13	"Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to	**Condition complied** CTO Expansion-II, Consent No. 2607273064387 dated 17/04/2026 is obtained from PCB and the copy is

	the SEIAA-TN.	attached as **Annexure-23**
14	Raw water quality to be checked for portability and if necessary RO plant shall be provided.	**Condition being complied** RO drinking water quality is monitored regularly and the latest monitoring report is attached as **Annexure-4**
15	The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.	**Condition not applicable**
16	The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.	**Condition noted.** No borewell is drilled inside the project premises. Water requirement is met by SIPCOT. SIPCOT allotment letter Ref.No.P &SP /SIP-VV/I. YAMAHA/1/2013 dated: 09/04/2015 is obtained ad the copy is attached as **Annexure-25**
17	Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for	**Condition complied** Treated water is used for gardening purpose.

	bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.	Regular monitoring is carried out for treated water and the latest monitoring report is attached as **Annexure-4**
18	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.	**Condition complied** STP is connected to centralized DG sets, so continuous operation of DG set is ensured.
19	It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/adjacent canals/ lakes/ponds, etc	**Condition noted.**
20	Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.	**Condition complied** Odour control spray applied in the STP surrounding areas to enhance the environment. Photograph is attached as **Annexure-37.**
21	The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.	**Condition complied** EPR certificate No. B-29016(11519) dated: 03-10-2025 is obtained for disposal of E-waste and the copy is attached as **Annexure-14**
22	Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.	**Condition complied** Acoustic enclosed DG sets were installed with adequate stacks.
23	The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms	**Condition being complied**

	both during day and night time.	Regular monitoring is carried out for noise level and the latest monitoring report is attached as **Annexure-4**
24	Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.	**Condition complied** Spent oil is stored separately in hazardous waste storage area and the photograph is attached as **Annexure-38** Photograph of the hazardous waste area is attached as **Annexure-24.** Hazardous waste authorization No. 25HFC34010145 dated: 27/11/2025 is obtained and the copy of the authorization is attached as **Annexure-39.**
25	The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.	**Condition complied** Separate area is provided for storage and disposal of hazardous waste includes E-waste. Photograph of the hazardous waste area is attached as **Annexure-24.**
26	The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage/channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.	**Condition Complied** Storm water management facility is provided inside the project premises. Layout plan is attached as **Annexure-11A**
27	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	**Condition complied** EPR certificate No. B-29016(11519) dated: 03-10-2025 is obtained for disposal of E-waste and the copy is attached as **Annexure-14**

28	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	**Condition noted and accepted.**
29	The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/cancelled.	**Condition noted and accepted.**

4.0 CONCLUSION

1. The environmental monitoring was carried out at the site during the period of October 2025 - March 2026.
2. All the conditions stipulated in Environmental clearance are being implemented.

Thanking you,

For India Yamaha Motor Pvt. Ltd.,

INDIA YAMAHA MOTOR PRIVATE LIMITED * CHENNAI *

Authorized Signatory

File No: 11745
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), TAMIL NADU)
****

Date **27/02/2025**

To,

Thiru.Shivabasappa Nadiger
M/s. India Yamaha Motor Private Limited
PLOT NO:VV-1 , VALLAM VADAGAL VILLAGE ,SRIPERUMBUDUR., India Yamaha Motor Pvt Ltd, Plot No: VV-1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur., KANCHIPURAM, TAMIL NADU, 602105
snadiger@yamaha-motor-india.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 - as amended regarding.

Sir/Madam,

Sub: SEIAA, TN – Proposed Expansion of the unit for manufacturing of motorcycle & scooter in Chennai at Survey No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1 B(Part) of Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by M/s. India Yamaha Motor Private Limited – under Category "B1" and Schedule S.No. 8(b)**Townships and area developments**– Issue of Environmental Clearance – Regarding.
Ref: 1. ToR Identification No. TO24B3813TN5180334N dated 17.12.2024.
2. Online proposal No. SIA/TN/INFRA2/518129/2025 Dated 22.01.2025.
3. Application seeking Environmental Clearance dated 23.01.2025.
4. Minutes of the 531st Meeting of SEAC held on 07.02.2025.
5. Minutes of the 797th Meeting of SEAC held on 25.02.2025.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B3813TN5181462N
(ii) File No.	11745
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	8(b) Townships/ Area Development Projects / Rehabilitation Centres
(vii) Name of Project	"INDIA YAMAHA MOTOR PVT LTD"
(viii) Name of Company/Organization	INDIA YAMAHA MOTOR PRIVATE LIMITED

(ix) Location of Project (District, State)	KANCHIPURAM, TAMIL NADU
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

1.In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A and B) EMP were submitted to the SEIAA-TN for an appraisal by the SEAC under the provision of EIA notification 2006 and its subsequent amendments.

2.The above-mentioned proposal has been considered by (SEIAA) in the meeting held on 25.02.2025.The minutes of the meeting and all the documents submitted are available on PARIVESH portal which can be accessed by scanning the QR Code above.

3.The SEAC, based on the information viz: Form-2(Part A and B) EMP report etc., & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and compliance thereto furnished by the Project Proponent, recommended the by the SEAC for grant of Environment Clearance under the provision of EIA Notification,2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.

4.The SEIAA, has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Expert Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. India Yamaha Motor Private Limited under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)

5. The Ministry/SEIAA-TN reserves the right to stipulate additional conditions, if found necessary. The EC to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

6.The Project Proponent is under obligation to implement commitments made in the Environment Management Plan which forms part of this EC.

7.The PP is under obligation to implement commitments made in the Environment Management Plan, which form part of this EC. Validity of EC is for a period of 7 years from the date of issue of EC. In case the project proponent fails to complete the construction/proposed activities within the EC validity date, application for EC validity extension shall be submitted to the regulatory authority as per the provision contained in the Para 9.0 of EIA notification, 2006 and its amendment.

8.Salient features of the proposal are as follows:

PROJECT SUMMARY

Sl. No.	Description	Total Quantity	Unit
		GENERAL	
1.	Plot Area	4,48,104.36 Existing: 1,48,876.53	SQMT
2.	Proposed Built Up Area	Proposed: 22,113.47 Total after Expansion: 1,70,990.00	SQMT
3.	Max Height - (Height of tallest block)	-	M
4.	No of Building Blocks	-	
5.	Max No of Floors	-	No.
6.	Total Cost of Project	Existing Project Cost: 1789.03 crores Proposed Project cost: 180.21crores Total Project Cost: 1969.24 crores	CR
7.	EMP	Capital cost: 67.15 Crores (Existing – 62.39 & Additional – 180.21) Recurring cost: 8.4315 Crores	CR
8.	CER	2 Crores	CR
9.	Project Activity:	Expansion	
		AREAS	

10.	Permissible Ground Coverage Area (xx%)	-	SQMT
11.	Proposed Ground Coverage Area (xx%)	-	SQMT
12.	Permissible FSI Area (xxx)	-	SQMT
13.	Proposed FSI Area	-	SQMT
14.	Other Non FSI Areas - including basement area etc.	-	SQMT
15.	Proposed Total Built Up Area	1,70,990.00	SQMT
	WATER		
	Construction Phase		
16.	Water Requirement	100	KLD
17.	Source	Private tanker	
18.	Mode of Disposal	550 KLD Package STP & 468 KLD capacity of ETP	
	Operation Phase		
19.	**Total Water Requirement**	1303.6	KLD
	i. Fresh water requirement	494.1	
	ii. Treated recycled water requirement	809.5	
20.	**Fresh water requirement**	494.1	KLD
	i. Domestic	321.1	
	ii. Flushing	0	
	iii. Gardening, if applicable	130.01	
	iv. Process	42.99	
21.	**Treated Water Requirement**	809.5	KLD
	i. Flushing use	84.5	
	ii. Process	371.01	
	iii. Boiler makeup	20	
	iv. Cooling tower makeup	45	
	v. Greenbelt & OSR	288.99	
22.	**Source for Fresh Water Requirement**	SIPCOT	
23.	Wastewater Generation	373.49	KLD
24.	Trade Effluent Generation	437.5	KLD
25.	**Treated Water Available for Reuse**	809.5	KLD
	TREATMENT & DISPOSAL SYSTEM		
26.	Proposed Capacity of STP	200	KLD
27.	Proposed Capacity of ETP	0	KLD
	RAINWATER HARVESTING		
28.	Rainwater Harvesting - Recharge Pits	4 Pond &Roof Collection System	No.
29.	Rainwater Harvesting Sump Capacity	Nil	
	PARKING & TRAFFIC MANAGEMENT		
30.	Total Parking Required as / Building Bye Laws	676	ECS
31.	Proposed Total Parking	676	ECS
32.	Parking in Basements	-	ECS
	GREEN AREA		
33.	Proposed Green Area (Minimum 15.0% of plot area)	1,12,857.28	SQMT
	Total area	4,48,104.36	SQMT
	Existing trees on plot	947	No.
	Number of trees to be planted	4655	No.
	Number of trees to be transplanted/cut	-	No.
	WASTE MANAGEMENT		
	Waste Generation		
34.	Total Waste Generation	**2.72**	T/Day
35.	**Solid Waste**	2.52	T/Day
	i. Biodegradable waste (Organic)	1.4	
	ii. Non - Biodegradable	1.12	

36.	Bio Medical Waste	Red -22.92 Yellow -22.05 White -10.71 Blue -19.78	Kg/day
37.	Quantity of Sludge Generated from STP	0.2	T/Day
38.	Quantity of E-Waste Generation	3	MTPA
39.	Quantity of Hazardous waste Generation	**5.1-Used Oil:** 142.4T/Annum **5.2-Wastes or residues containing Oil:**50 T/Annum **12.5-Phosphate sludge**- 8 T/annum **21.1-Process wastes, residues and sludges –** 1020T/Annum **33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes** - 340 T/Annum **35-Chemical sludge from waste water treatment –** 222 T/Annum **35.2-Spent ion exchange resin containing toxic metals**- 5 T/Annum **20.2-Spent solvent**-140 T/Annum	TPA
	Mode of Treatment & Disposal		
40.	Bio Medical Waste	Red -22.92 Yellow -22.05 White -10.71 Blue -19.78	kg/year
41.	Organic waste	Disposed through OWC and used as a Manure for greenbelt Development. Same will be used for expansion also.	TPD
42.	Sludge Generated from STP	Used as a manure for Greenbelt development.	TPD
43.	E-Waste	Will be collected and disposed to TNPCB authorized recyclers	MT/Year
44.	Hazardous waste	Disposed to TNPCB authorized recyclers	TPA
	POWER / GREEN POWER		
45.	Total Power Requirement	7	MVA
46.	DG set backup	750x2 500x3 1250x1 100x1 2015x1	KVA
47.	No DG Sets	8	No.
48.	Solar Panels – Roof Coverage	50	%
49.	Hot Water Requirement	-	KL
	Of which met by Solar Panels	-	%
	POPULATION DETAILS OF THE INDUSTRIAL SHED		
50.	Industry Staff workers	5634	Nos.
51.	Floating population	-	Nos.
52.	Hostel, if any	-	Nos.
53.	Cafeteria, if any	-	Seats
54.	Any other	-	Nos.
55.	**Total Population**	5634	**Nos.**

CER Activity

Rs. 2 Crores

	CER Activities	Estimated Cost	Timeline to Complete (tentative)
56.	CER amount will be spent to provide a side wheel attachment **(commonly called a tricycle conversion kit or sidecar)** on 667 two-wheelers for physically challenged individuals	2 Crores	1 year
	Total	2 Crores	

9.General Instructions:

(i)The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.

(ii)The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.

(iii)The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.

(iv)Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

(v)Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

(vi)Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

10. This issue with an approval of the Competent Authority. For information on deliberations, refer to the minutes of SEAC and SEIAA available in the PARIVESH Portal.

Copy To

1. The Secretary, Ministry of Environment Forest & Climate Change, Government of India, Shastri Bhawan, New Delhi.
2. The Additional Chief Secretary to Government, Environment and Forests Department, Tamil Nadu.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. The Chairman, TNPC Board,76, Mount Salai, Guindy, Chennai-32
5. EI Division, Ministry of Environment & Forests, Paryavaran Bhawan, New Delhi.
6. Integrated Regional Office of MoEF&CC, Sasthri Bhawan, Nungambakkam, Chennai.
7. File Copy.

Annexure 1

Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Seiaa Specific Conditions:

S. No	EC Conditions
1.1	i) The EMP proposed should be strictly adhered for the entire life of the project. ii) The energy conservation and energy reduction measures should be adopted. iii) The PP shall adopt strategies to reduce the increase in temperature, emission of GHG and should follow the climate friendly practices. iv) The energy budget and water budget should be followed properly. v) The PP should follow proper waste disposal mechanism for all the wastes generated within the premises. vi) The PP should strictly adhere to the management of sewage, effluent hazardous and non-hazardous waste as proposed. vii) The building plan & design should strictly adhere to LCA norms. viii) The building geometry, design & engineering should ensure congestion free atmosphere within and outside. ix) The wind direction & the aerodynamics should not be disturbed because of the proposed building. x) The building design should not impair the visibility of structures & features around. xi) There should be enough green space within and outside the building. xii) The building design and engineering should not lead to oxygen starvation. xiii) Cool roofs should be provided to curtail heat absorption. xiv) As per the OM vide F. No. IA3-22/1/2022-IA-Ill [E- 172624] Dated: 14.06.2022, the Project Proponents are directed to submit the six-monthly compliance on the Environmental conditions prescribed in the prior Environmental clearance letter(s) through newly developed compliance module in the PARIVESH Portal from the respective login. A copy of the half yearly compliance report should be mailed to envcompseiaatn@gmail.com. xv) The plantation of saplings shall be carried out in the earmarked greenbelt area as a part of the tree plantation campaign “Ek Ped Ma Ke Naam” and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).

2. Seiaa Standard Conditions:

S. No	EC Conditions
2.1	**Climate Change** 1. The proponent shall adopt strategies to decarbonize the building, reduce carbon footprints and develop strategies for climate proofing and mitigation. 2. The proponent shall adopt strategies to reduce carbon & GHG emissions during operation (operational phase and building materials). 3. The proponent shall adopt methodology to control thermal Environment and other shocks in the building. 4. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands. 5. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues. 6. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises. 7. The proponent shall ensure that the buildings does not cause any damage to water Environment, air quality and should be carbon neutral building. **Health** 8. The proponent shall adopt strategies to maintain the health of the inhabitants within and in the vicinity. **Energy**

S. No	EC Conditions
	9. The proponent shall adopt strategies to reduce electricity demand and consumption. 10. The proponent shall provide provisions for automated energy efficiency. 11. The proponent shall provide provisions for controlled ventilation and lighting systems. 12. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation. **Regulatory Frameworks** 13. The proponent shall effectively implement and strictly adhere to the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001. 14. The proponent shall provide elevator as per rules CMDA/DTCP. **Database maintenance & audits** 15. The database record of Environmental conditions of all the events from pre- construction, construction and post-construction should be maintained in digitized format. 16. The proponent should maintain Environmental audits to measure and mitigate Environmental concerns. **Biodiversity** 17. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species. 18. The proponent shall adopt sustainability criteria to protect the micro-Environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements. 19. The proponent shall ensure utmost safety for the existing biodiversity, trees, flora & fauna and the critically endangered species & endangered species shall not disturb under any circumstances. 20. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms. 21. The proponent shall adopt strategies to prevent birds getting hit by the high buildings. **Safety measures** 22. The proponent should develop an emergency response plan & safety evacuation plan (including disabled people) in addition to the disaster management plan. 23. All bio-safety standards, hygienic standards and safety norms of working staff to be strictly followed as stipulated in EIA/EMP. 24. The disaster management/disaster mitigation standards& fire safety standards as prescribed by competent authorities. 25. The proponent shall provide the emergency exit in the buildings. **Water/Sewage** 26. The proponent shall ensure that no untreated sewage is let outside the project site under any circumstances. Further, the treated water shall not be disposed off through any other means other than the permitted mode of disposal. 27. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time. 28. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB & RO of MoEF&CC. 29. The proponent shall ensure that provision should be given for proper utilization of recycled water. 30. The project proponent shall adhere to storm water management plan as committed. **Parking** 31. The project proponent shall provide sufficient parking space for the visitors and sufficient space shall be made inside the project area for free turn of vehicles, so as to avoid traffic congestion inside the premises. Separate In-gate and out gate shall be provided for the vehicular movement. Solid waste Management

S. No	EC Conditions
	32. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time. 33. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. **EMP** 34. The proponent shall strictly adhere to the EIA/EMP report. 35. The proponent shall ensure that the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns. **Others** 36. As per the 'Polluter Pay Principle', the proponent will be held responsible for any Environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work. 37. The project proponent shall adhere to height of the buildings as committed.

AFFIDAVIT FURNISHED BY THE PROPONENT

I, Mr. Shivabasappa Nadiger is the Authorized Signatory of **M/s. INDIA YAMAHA MOTOR PVT LTD** having Manufacturing Unit at Plot No & Survey No: 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23,24(Part),25(Part),26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84,85/1(Part),85/2(Part),87/1B(Part). VV-1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur District and Tamil Nadu State., as per committee's direction, we hereby take oath and state as under in this affidavit:

1. The detailed plot area break up is given below:

Description	**Existing**			**Proposed**		**After Expansion**		
	Sqm	**Hectare**	**%**	**Sqm**	**Hectare**	**Sqm**	**Hectare**	**%**
Plinth Area	1,30,695.26	13.07	29.2	18,074.32	1.81	1,48,769.58	14.88	33.2
Greenbelt Area	1,12,857.28	11.29	25.2	0.00	0.00	1,12,857.28	11.29	25.2
Parking Area	25,340.10	2.53	5.7	0.00	0.00	25,340.10	2.53	5.7
Road / Paver Area	88,846.35	8.88	19.8	0.00	0.00	88,846.35	8.88	19.8
Vacant Area	39,626.67	3.96	8.8	-18,074.32	-1.81	21,552.35	2.16	4.8
Others (Drains)	8,320.48	0.83	1.9	0.00	0.00	8,320.48	0.83	1.9
Yards, Ponds	34,268.61	3.43	7.6	0.00	0.00	34,268.61	3.43	7.6
Rainwater Harvesting Ponds	8,149.61	0.81	1.8	0.00	0.00	8,149.61	0.81	1.8
Total Land area	**4,48,104.36**	44.81	100	**0.00**	0.00	**4,48,104.36**	**44.81**	100

2. The detailed Built – up area break up is given below:

AREA STATEMENT					
		As Per Existing		**After Expansion**	
SR NO.	**Description**	**Area In Sqm.**		**Area In Sqm.**	
		F. Floor	**G. Floor**	**F. Floor**	**G. Floor**
1	Bd Building, Parts Building, Ckd Building & Shipping Building	9394.33	63303.51	9394.33	63303.51
2	Eg building including Dg Shed	960.19	22391.105	**960.19**	**22391.11**
3	Boiler	0	270		**270.00**
4	Compressor Room	0	340.8		**340.80**
5	Substation Utility & Management Room	0	348		**348.00**
6	Locker Building & Frisking	0	1080		1080
7	Employee Parking Area	0	848.61		848.61
8	Guard House-1	0	478.85		478.85
9	Guard House-2	0	15.07		15.07
10	Waste Material Shed	0	483.2		**483.20**
11	Covered Walkway	0	3343.15		3343.15
12	R&D Building	2593.64	3590.91725	2593.64	**3590.92**
13	Paint Storage	0	244.61		**244.61**
14	SPD Building	5233.11	15382.32	**5233.11**	**15382.32**
15	EFFLUENT WATER TREATMENT PLANT (ETP)	0	412.07		**412.08**

16	STP	0	121.61		**121.61**
17	Pump Shed Receiving Tank	0	622.44		**622.44**
18	Pump Shed For Municipal Water & Fire Tank	0	492.23		**492.23**
	Chip Shed	0	50.75		**50.75**
19	Gasoline Shed-1	0	20		**35.50**
20	Gasoline Shed-2	0	4.21		**4.20**
21	Iym Office, Atm, Medical Room, Creche	0	954.0625		**954.06**
22	Driver Room	0	40		**40.00**
23	Truck Scale Room	0	7.5		**7.50**
24	Fire Station	0	153.25		**153.25**
25	Switch Yard (Yamaha Main)	0	251.68		**251.68**
26	Switch Yard (Vendor Park)	0	251.68		**251.68**
27	LPG MCC ROOM	0	14.025		**14.03**
28	Test Track Control Room	0	36.9		**36.90**
29	Fire Water Tank Shed	0	152.46		**152.46**
30	Mc Storage Shed	0	6857.4		**12180.82**
31	Guard House-3 Including Waiting Room	0	51		**51.00**
32	Purchase Office	0	2719.718	**1163.97**	**1555.75**
33	Skd Building	0	2799.8		**2799.80**
34	Temp. Palette Shed	0	875		**875.00**

35	Smcc Site Office / Yamaha Training Center	0	1026.81		**1026.81**
36	Proposed Eg Building	0	0	**2396.80**	**11989.40**
37	Proposed Compressor Room	0	0	**426.00**	**426.00**
38	Proposed Pump Shed	0	0		**440.00**
39	Proposed Covered Walkway (EG Building)	0	0		**106.23**
40	Training Room (Test Track)	0	109.56		**109.56**
41	Hr Help Desk	0	77.78		**77.78**
42	Proposed Dg Shed	0	0		**257.17**
43	Proposed Training Room (Ohc)	0	0		**130.54**
44	Meter Station – Png	0	29.1		**29.10**
45	Covered Walkway (Cl Entry)	0	261.24		**261.24**
46	Bd Building Toilet-06	0	142.84	**71.42**	**71.42**
47	Proposed Vendor Febrication Shed	0	0		**94.52**
48	Rain Water Catchbasin Shed	0	40		**40.00**
49	Proposed Fire Safety Store Room				**26.50**
50	Proposed Guardhouse Expansion -1				**29.00**
51	Unipole Foundation				**2.40**
52	Propsoed Stp Expansion (200 Kld)				**450.00**

	TOTAL	**18,181.27**	**1,30,695.26**	**22,239.46**	**1,48,750.54**
	GRAND TOTAL	**1,48,876.53**		**1,70,990.00**	

3. During Construction phase, 100 KLD of water will be sourced from private tankers.

4. During Operation Phase, Fresh water is being sourced from the SIPCOT and same will be followed after expansion

Description	Existing (KLD)			Additional (KLD)		Total After Expansion (KLD)		
	Fresh	Recycle	Total	Fresh	Recycle	Fresh	Recycle	Total
Domestic	296.6	0	296.6	24.5	0	321.1	0	321.1
Flushing	0	78	78	0	6.5	0	84.5	84.5
Process	42.99	371.01	414	0	0	42.99	371.01	414
Boiler makeup	0	20	20	0	0	0	20	20
Cooling tower makeup	0	45	45	0	0	0	45	45
Greenbelt	125.4	266.6	392	4.61	22.39	130.01	288.99	419
Total	464.99	780.61	1245.6	29.11	28.89	494.1	809.5	1303.6

5. Wastewater Generation and Management:

Wastewater	**Existing**	**Additional**	**Total**	**Disposal Method**
Sewage (KLD)	**344.60**	**28.89**	**373.49**	**Existing: Sewage is being collected and treated in STP of 350 KLD capacity and treated Sewage is being used for flushing & Greenbelt**

				After Expansion: same will be followed Sewage is being collected and treated in STP of 350 KLD + 200 KLD (Proposed) = 550 KLD capacity
Effluent (KLD)	**437.5**	**0**	**437.5**	**Existing: effluent from process and utilities is being treated in 468 KLD ETP capacity followed by three stage RO, RO permeate is used for process and utilities and RO Rejects sent to MEE. Condensate sent to RO and MEE concentrate sent to ATFD and salt disposed to TSDF**
				After Expansion: same will be followed.

6. **Solid waste:**

Construction Phase: 100 Nos

Wastewater	Quantity	Method of Disposal
Organic waste (kg/day)	27	Disposed through SIPCOT bins
Inorganic waste (Kg/day)	18	

Operation Phase:

Estimated Population influx is 5634 Nos (Existing-5203 Nos & additional-431 Nos)

S.No	Municipal Solid waste	Existing	Additional	Total	Disposal Method

1	Organic waste	1.3	0.1	1.4	Existing: it is treated in OWC and Used as organic manure for green belt
					After Expansion: Same will be followed.
2	Inorganic waste	1.04	0.08	1.12	Existing: Disposed through TNPCB Authorized vendors.
					After Expansion: Same will be followed.
3	STP Sludge	0.15	0.05	0.2	Existing: Used as a manure for greenbelt development.
					After Expansion: Same will be followed.
Total		2.49	0.23	2.72	-

Note: As per CPHEOO Norm-0.6 kg/day/capita

7. **Hazardous waste:**

Spent oil from DG sets will be carefully stored in HDPE drums in isolated covered facility. This spent oil will be sold to vendors authorized by TNPCB/MoEF for treatment of same. Suitable care will be taken so that spills/leaks of spent oil from storage could be avoided.

Sl No	Name of Hazardous Waste (with category No)	Existing Quantity	Proposed Quantity	After Expansion Quantity	Activities for which Authorization is issued
1	5.1-Used or spent oil	142.4 T/Annum	0 T/Annum	142.4 T/Annum	Generation, Collection, Storage, transportation, Disposal to Authorized Recyclers for Recovery and Reuse.

2	5.2-Wastes or residues containing oil	50 T/Annum	0 T/Annum	50 T/Annum	Generation, Collection, Storage, Transportation,Disposal to Chettinad Cement, Dindigul for Co-processing in Cement Kilns
3	12.5-Phosphate sludge	8 T/Annum	0 T/Annum	8 T/Annum	Generation, Collection,Storage, Transportation,Disposal to Chettinad Cement, Dindigul for Co-processing in Cement Kilns
4	21.1-Process wastes, residues and sludges	1020 T/Annum	0 T/Annum	1020 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Chettinad Cement, Dindigul for Co-processing In Cement Kilns
5	33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	340 T/Annum	0 T/Annum	340 T/Annum	Generation, Collection, Storage, Transportation ,Disposal to Authorized Recyclers for Recovery and Reuse.
6	35.Chemical sludge fromwaste water treatment	222 T/Annum	0 T/Annum	222 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Chettinad Cement, Dindigul for Co-processing In Cement Kilns
7	35.2 Spent ion exchange resin containing toxic metals	5 T/Annum	0 T/Annum	5 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Chettinad Cement, Dindigul for Co-processing In Cement Kilns
8	20.2-Spent solvents	140 T/Annum	0 T/Annum	140 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Chettinad Cement, Dindigul for Co-processing In Cement Kilns

8. E-waste:

The estimated E-waste generation is **3 TPA**. It will collect, stored and disposed through TNPCB Authorized E-waste recyclers as per E-waste management rules

2022.

9. Biomedical Waste Generation :

Waste Schedule	Waste Type	Quantity (kg/year)			Method of Disposal
		Existing	Add.	Total	
Red	Contaminated wastes	21.17	1.75	22.92	Will be sent to TNPCB Authorized common Biomedical waste Management Facility for sterilization
Yellow	Expired /Discarded Medicines	20.36	1.69	22.05	Will be sent back to the supplier for Incineration
Whilte	Waste sharps including metals	9.89	0.82	10.71	Will be sent to TNPCB Authorized common Biomedical waste Management Facility for shredding & disposal
Blue	Glassware	18.27	1.51	19.78	Will be sent to TNPCB Authorized common Biomedical waste Management Facility for disinfection & recycling

10. Power requirement:

Details	Existing	Additional	Total after expansion	Source
Power Requirement (MVA)	5	2	7	TANGEDCO

Back-up(kVA)	750x2 500x3 1250x1 100x1	2015x1	750x2 500x3 1250x1 100x1 2015x1	DG sets

11. More than 50% of the roof coverage should be specifically allocated for solar panels and should be used for the generation of solar energy.

12. IGBC Pre-certification (Gold) will be obtained prior to completion of construction of proposed project

13. No sewage water would be discharged through storm water drains.

14. Rain water harvesting : IYM has an excellent storm water drain system, four rainwater harvesting ponds, and a storm water collection tank. Excess rainwater will be sent to the SIPCOT storm water drains.

15. All mitigation measures will be followed for the flood management, Evacuation plan, Solid waste disposal and sewage treatment & disposal.

16. No waste of any type will be disposed-off in any other way other than the approved one and "Single use of Plastic" (SUP) will not be used within the site.

17. Proponent will sign a MoU with STPs' owner/concerned department for getting the STPs treated water for construction use before Consent order approval.

18. Green Belt :

S.No	Description	Unit	Proposed Greenbelt within project site
1	Total Area of Green Belt	Sq.m	1,12,857.28
2	Percentage of total project area	%	25.02
3	As per SEAC requirement 80 sqm/per tree	Nos	4,48,104.36 Sq.m/80 Sq.m=5602 Nos

4	Actual No. of plants present	Nos.	947
5	No of plants to be planted	Nos.	4655

19. We propose an EMP Spending of INR. Rs.67.15 crores as below as

EMP Cost break up

Project Components	Capital Cost (INR Crores)			Recurring Cost (INR.Crores)
	Existing	Additional	Total	
Storm Water drains, culverts & rainwater harvesting pits	**20.91**	**4.76**	**25.67**	**1.2835**
ETP with ZLD	**10.98**	**0**	**10.98**	**1.098**
Sewerage system and STP	**4.2**	**0**	**4.2**	**0.42**
Solid and Hazardous waste Management	**1.24**	**0**	**1.24**	**0.124**
Green belt development	**2.63**	**0**	**2.63**	**0.263**
Solar power	**18.35**	**0**	**18.35**	**1.835**
Environmental Monitoring during Construction Phase and Operation Phase	**0**	**0**	**0**	**0.03**
DG sets Acoustics and Stack	**4.08**	**3.3**	**4.08**	**0.408**
Total EMP Cost	**62.39**	**8.06**	**67.15**	**5.4615**

20. As per CER OM F.No. 22-65/2017-IA.III dated: 01.05.2018, INR 1.35 Crores (which is 0.75 % of the total additional project cost INR. 180.21 Crores: >100 Crores to <500 Crores for Brownfield projects) . As per SEAC recommendation , it is INR 2 Crores (~1.0% of additional cost) We are proposing the following tentative activities as per the Table below:

CER Activities	Estimated Cost	Timeline to Complete (tentative)

CER amount will be spent to provide a side wheel attachment **(commonly called a tricycle conversion kit or sidecar)** on 667 two-wheelers for physically challenged individuals	2	1 year
Total	**2 Crore**	

Declaration

The Above named deponent to hereby verify that the statement made by me under point No (1) to(20) are true and correct to the best of my knowledge and belief. Nothing is false and nothing is concealed in it. I am responsible for any misrepresentation of facts.

SEAC SPECIFIC CONDITIONS:

1. The construction shall comply with Green Building norms and shall get minimum IGBC Gold rating.
2. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
3. The PP shall produce/purchase green energy to meet minimum 50% of its power consumption. PP shall achieve Net Zero by the year 2030.
4. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
5. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP). The proponent should ensure that at least 20% of vehicles used for transporting workers to and from factory are e-vehicles.

6. The project proponent should develop green belt in the project area as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
7. Project proponent should invest the CSR/CER amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
8. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF&CC/Director of Environment and other concerning authority regularly.
9. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
10. The project proponent shall provide a measuring device for monitoring the various sources of water supply namely fresh water, treated waste water and harvested rain water.
11. The proponent should provide the MoU with STPs' owner/concerned department for getting the STPs treated water for construction use.
12. As agreed by the project proponent, the CER cost is **Rs. 2 Crores** and the amount shall be spent for the following activities as committed within a period of **1 year** from the date of issue of EC.

CER Activities	Estimated Cost	Timeline to Complete (tentative)
CER amount will be spent to provide a side wheel attachment **(commonly called a tricycle conversion kit or sidecar)** on 667 two-wheelers for physically challenged individuals	2 Crores	1 year
Total	2 Crores	

SEAC STANDARD CONDITIONS:

1. Statutory Compliance:

1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawing of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air quality monitoring and preservation:

1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.

2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
3. The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 andPM25) covering upwind and downwind directions during the construction period.
4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murram, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.
6. Wet jet shall be provided for grinding and stone cutting.
7. Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.
8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
9. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
11. For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water Quality Monitoring and Preservation:

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable

urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.

2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total freshwater use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.

12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharges should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring and Prevention:

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of Half Yearly Compliance Report (HYCR).
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

5. Energy Conservation Measures:

1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
2. Outdoor and common area lighting shall be LED.
3. The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.
4. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
5. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
6. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building byelaws requirement, whichever is higher.
7. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher.

Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. **Waste Management:**
    1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
    2. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
    3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
    4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
    5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
    6. Any hazardous waste generated during construction phase shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
    7. Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
    8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
    9. Any wastes from construction and demolition activities related thereto shall be managed to strictly conform to the Construction and Demolition Rules, 2016.
    10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. **Green Cover:**

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
5. A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    b. Traffic calming measures.
    c. Proper design of entry and exit points.
    d. Parking norms as per local regulation.
2. Vehicles hired to bring construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is

maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

9. Human Health Issues:

1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
2. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.

Corporate Environment Responsibility:

7. The PP shall complete the CER activities, as committed, before obtaining CTE.
8. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of Half Yearly Compliance Report (HYCR).

9. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
10. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Half Yearly Compliance Report (HYCR).

10. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in Tamil language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.

8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also during their presentation to the State Expert Appraisal Committee.
9. No further expansion or modifications to the plant shall be carried out without prior approval of the Authority (SEIAA).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Authority (SEIAA) may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
13. The Regional Office of the MoEF&CC Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

STANDARD CONDITIONS

Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases:

1. Any appeal against this Environmental Clearance shall lie with the Hon’ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2. The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.

3. The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8. The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
11. The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments ,draft Minor Mineral Conservation & Development Rules , 2010 framed under MMDR Act 1957,National Commission for

protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.

12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
13. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM_{10}, $PM_{2.5}$, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.
15. The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.
16. The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
17. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.
18. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.

20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
21. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
22. The Project Proponent has to provide adequate rain water harvesting pits as committed s to recover and reuse the rain water during normal rains as reported.
23. The project activity should not cause any disturbance & deterioration of the local bio diversity.
24. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.
25. All the assessed flora & fauna should be conserved and protected.
26. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
28. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)
29. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
31. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
33. The safety measures proposed in the report should be strictly followed.

Part - B – Specific Conditions – Pre construction phase:

1. **The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of**

the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.

2. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
3. **A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.**
4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.
5. All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.
6. Design of buildings should be in conformity with the Seismic Zone Classifications.
7. The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
8. No construction activity of any kind shall be taken up in the OSR area.
9. Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.
10. The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.
11. The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.
12. The project proponent shall ensure the entry of basement shall be above maximum flood level.
13. The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details
    i. Location of STP, compost system, underground sewer line.
    ii. Pipe Line conveying the treated effluent for green belt development.
    iii. Pipe Line conveying the treated effluent for toilet flushing

iv. Water supply pipeline
v. Gas supply pipe line, if proposed
vi. Telephone cable
vii. Power cable
viii. Strom water drains, and
ix. Rain water harvesting system, etc. and it shall be made available to the owners

14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.
17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Firefighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

Part - C - Specific Conditions – Construction phase:

1. **Construction Schedule:**
   i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.
2. **Labour Welfare:**
   i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
   ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers

should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.

iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.

3. Water Supply:

i) The entire water requirement during construction phase may be met from private tankers

ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.

iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.

v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor based control.

4. Solid Waste Management:

i) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.

ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.

iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.

iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.

v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

5. Top Soil Management:

i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

6. Construction Debris disposal:

i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.

ii) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

7. Diesel Generator sets:

i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.

ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.

iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.

8. Air & Noise Pollution Control:

i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed

by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.

ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.

iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.

iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.

v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.

9. Building material:

i) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.

ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.

iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.

10. Storm Water Drainage:

i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.

ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.

11. Energy Conservation Measures:

i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.

ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.

iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.

iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.

v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.

vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

12. Fire Safety:

i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.

ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.

13. Green Belt Development:

i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.

ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.

iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.

14. Sewage Treatment Plant:

i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.

ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.

iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.

iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.

v) The project proponent has to ensure the complete recycling of treated Sewage &Effluent water after achieving the standards prescribed by the CPCB.

vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.

15. Rain Water Harvesting:

i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.

ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.

iii) The Project Proponent has to provide adequate rain water harvesting pits as committed to recover and reuse the rain water during normal rains as reported.

i) The project activity should not cause any disturbance & deterioration of the local bio diversity.

16. Building Safety:

Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.

Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project:

1. There should be Firefighting plan and all required safety plan.
2. Regular fire drills should be held to create awareness among owners/ residents.
3. Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
5. Solar energy saving shall be increased to atleast10% of total energy utilization.
6. The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.
7. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually
8. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
11. The project activities should in no way disturb the manmade structures.
12. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.

13. “Consent to Operate” should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.
16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
17. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.
18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
19. It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
21. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
22. Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment

(Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.

23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
24. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.
25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
26. The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.
27. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
28. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
29. The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.

सत्यमेव जयते

File No.: 13009
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), TAMIL NADU)
****

Dated **19/12/2025**

To,

Mr. Shivabasappa Nadiger
M/s. INDIA YAMAHA MOTOR PRIVATE LIMITED
Plot No: VV-1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur - 602105. TAMIL NADU.
snadiger@yamaha-motor-india.com

Subject: Amendment in Environmental Clearance (EC) granted to the project under the provision of the EIA Notification 2006 and as amended thereof-regarding.

Sir/Madam,

Sub: SEIAA-TN – Expansion of the unit for manufacturing of motorcycle & scooter in Chennai at Survey No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1 B(Part) of Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu by to M/s. India Yamaha Motor Private Limited– category "B1" of Item "8(b) Townships/ Area Development Projects / Rehabilitation Centres" of the schedule to the EIA Notification, 2006 – **Environmental Clearance – Amendment issued** – Regarding.

Ref: 1. Earlier EC issued vide EC Identification No. EC25B3813TN5181462N, Date 27/02/2025.
2. Online proposal No. SIA/TN/INFRA2/543039/2025, Dated: 24/07/2025.
3. Proponent application for Amendment in Environmental Clearance dated: 17.11.2025
4. Minutes of the 646th SEAC-1 Meeting held on 03.12.2025.
5. Minutes of the 930th Authority meeting held on 12.12.2025

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25B3813TN5560696A
(ii) File No.	13009
(iii) Clearance Type	Amendment in EC
(iv) Category	B1
(v) Schedule No./ Project Activity	8(b) Townships/ Area Development Projects / Rehabilitation Centres
(vii) Name of Project	"INDIA YAMAHA MOTOR PVT LTD"
(viii) Location of Project (District, State)	KANCHIPURAM, TAMIL NADU

(ix) Issuing Authority	SEIAA
(x) EC Date	27/02/2025
(xi) Applicability of General Conditions	NO
(xii) Status of implementation of the project	

Environmental Clearance was issued to M/s. India Yamaha Motor Private Limited for Expansion of the unit for manufacturing of motorcycle & scooter in Chennai at Survey No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1 B(Part) of Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu – category "B1" of Item "8(b) Townships/ Area Development Projects / Rehabilitation Centres" of the schedule to the EIA Notification, 2006".
Now, the Proponent has again applied Amendment in Environmental Clearance vide Online Proposal No. SIA/TN/INFRA2/543039/2025, Dated: 24/07/2025.

Committee's Recommendations:

Based on the presentation and documents submitted by the proponent, the Committee -I decided to recommend for the grant of the amendment to EC Dated: 27/02/2025 and all the other conditions imposed in the EC vide EC Identification No. EC25B3813TN5181462N, Date 27/02/2025 issued remain unaltered.

Discussion of SEIAA:

The subject was placed in the **930th Authority meeting held on 12.12.2025**. The authority noted that the subject was appraised in the **646th SEAC -I Meeting held on 03.12.2025**. Based on the presentation and documents submitted by the proponent, the Committee -I decided to recommend for the grant of the amendment to EC Dated: 27/02/2025 and all the other conditions imposed in the EC vide EC Identification No. EC25B3813TN5181462N, Date 27/02/2025 issued remain unaltered.

After detailed deliberations, the Authority taking account of recommendations of SEAC – 1 and decided to issue the following amendment to EC Dated: 27/02/2025.

Revised CER Activity	***Estimated Cost***	***Key Objectives***
Waterbody Rejuvenation Projects	*2 Crores*	*Restore and enhance health of lakes and ponds* *Address pollution, siltation, and de-weeding*

1. The CER activities shall be completed within one year from the date of issue of the EC amendment.
2. All the other conditions imposed in the EC vide EC Identification No. EC25B3813TN5181462N, Date 27/02/2025 issued remain unaltered.

Annexure 1

Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Seiaa Specific Conditions

S. No	EC Conditions
1.1	1. The CER activities shall be completed within one year from the date of issue of the EC amendment. 2. All the other conditions imposed in the EC vide EC Identification No. EC25B3813TN5181462N, Date 27/02/2025 issued remain unaltered.

Annexure-2

செயல் திட்டங்களை வகுத்து

ரைக்க வேண்டும்

மைச்சர் மு.க.ஸ்டாலின் உத்தரவு

ஆக்கப்பூர்வமான திட்டங்கள்

பங்கேற்றோர்

தமிழ் இருந்தும்

பான கட்டணமில்லா

யில் மட்டுமே பதில்

கையாளர்கள் ஏமாற்றம்

பொது ஒழுக்கத்துக்கும், சுகாதாரத்துக்கும் உகந்ததா?

எச்சில் இலையில் அங்கப்பிரதட்சணம் செய்ய தடை

தனி நீதிபதி உத்தரவை ரத்து செய்து மதுரை ஐகோர்ட்டு தீர்ப்பு

அங்கப்பிரதட்சணம்

தீர்ப்பு ஒத்திவைப்பு

தனி நீதிபதி உத்தரவு ரத்து

மீண்டும் புதிய உச்சம்

தங்கம் விலை ரூ.65 ஆயிரத்தை நெருங்கியது

ஒரே நாளில் ரூ.440 உயர்வு

தங்கம் விலை

எந்தகப் போர்

புதிய உச்சம்

தினத்தந்தி
சந்தா மற்றும்
விற்பனை தொடர்பான
தகவல்களுக்கு
72990 56399
குடும்பம் முழுவதற்கும்
ஒரே நாளிதழ்

வீல்ஸ் இந்தியா லிமிடெட்

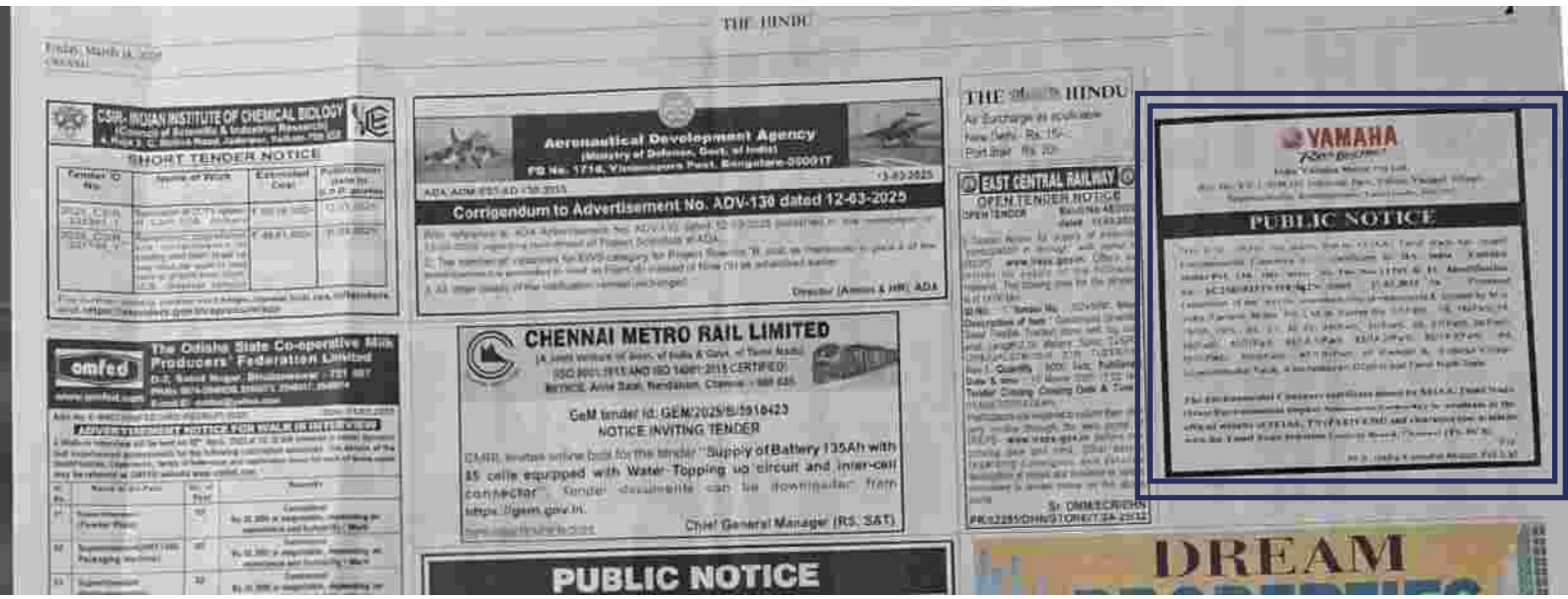
TAMILNADU CEMENTS CORPORATION LIMITED

YAMAHA

M/s இந்தியா யமஹா மோட்டார் பிரைவேட் லிமிடெட்

பொது அறிவிப்பு

M/s இந்தியா யமஹா மோட்டார் பிரைவேட் லிமிடெட்



THE HINDU

CSIR- INDIAN INSTITUTE OF CHEMICAL BIOLOGY
(Council of Scientific & Industrial Research)
4, Raja S.C. Mullick Road, Jadavpur, Kolkata-700 032

SHORT TENDER NOTICE

Tender ID No.	Name of Work	Estimated Cost	Publication/Bid Closing Date
2025_CSIR_ 533561_1	Renovation of ICT Admin Block at CSIR-IICB, Kolkata	₹ 69.18 lakhs	17.03.2025
2025_CSIR_ 533716_1	Supply, installation, testing and commissioning of 1 no. new 100 kVA (or equivalent) DG set with associated civil & electrical works at CSIR-IICB, Jadavpur campus, Kolkata	₹ 48.61 lakhs	31.03.2025

For further details, corporate visit E-Nivida, Tender Wizard, etc. or Website: https://eprocure.gov.in/eprocure/app

Aeronautical Development Agency
(Ministry of Defence, Govt. of India)
PB No. 1718, Vimanapura Post, Bangalore-560017

ADA/ADM/837-6D/+38/2025 +91-80-2525

Corrigendum to Advertisement No. ADV-130 dated 12-03-2025

With reference to ADA Advertisement No. ADV-130 dated 12.03.2025 published in the newspaper on 13.03.2025 regarding recruitment of Project Scientists in ADA.

1. The number of vacancies for EWS category for Project Scientist 'B' post is increased to one (1) as mentioned below:

All other details of the notification remain unchanged.

Director (Admin & HR), ADA

THE HINDU
Ad Surcharge as applicable
New Delhi - Rs.15/-
Port Blair - Rs.20/-

EAST CENTRAL RAILWAY
OPEN TENDER NOTICE
OPEN TENDER
Description of Item / Quantity / Tender Closing Date & Time

Sr. DMM(C)/DNR
PK/12251/DHN/STORE/T.2A-2532

YAMAHA

PUBLIC NOTICE

omfed
The Odisha State Co-operative Milk Producers' Federation Limited
D.E. Sahid Nagar, Bhubaneswar - 751 007
Phone: 0674-2566018, 2566013, 2566017, 2566019
E-mail ID: omfed@yahoo.com
www.omfed.coop

CHENNAI METRO RAIL LIMITED
(A Joint venture of Govt. of India & Govt. of Tamil Nadu)
(ISO 9001:2015 AND ISO 14001:2015 CERTIFIED)
DEPOT, Anna Salai, Nandanam, Chennai - 600 035.

GeM tender Id: GEM/2025/B/5918423
NOTICE INVITING TENDER

CMRL invites online bids for the tender "Supply of Battery 135Ah with 85 cells equipped with Water Topping up circuit and inter-cell connector". Tender documents can be downloaded from https://gem.gov.in.

Chief General Manager (RS, S&T)

PUBLIC NOTICE

DREAM

Annexure-2A

INDIA YAMAHA MOTOR PVT. LTD.

CIN: U34200DL2007PTC169496 | Email: corporate_secretarial@yamaha-motor-india.com
Website: https://www.yamaha-motor-india.com | Phone no: +91-44-3814 7000

July 31, 2026
IYM/ SIPCOT office / EC copy / 1 /2026

PROJECT OFFICER * SIPCOT VALLAM VADAGAL * 04/08/26

To
The Project officer,
Sipcot Industrial growth centre,
Vallam – vadagal,
Sriperumbudur 631 604.

Sub: Submission of Environmental Clearance by M/s.India Yamaha Motor Private Limited
Ref: EC identification No: EC25B3813TN5181462N dated: 27/02/2025File No.11745

Respected Sir/Madam,

With reference to the above subject, we have obtained Environmental clearance for "Proposed Expansion of the unit for manufacturing of motorcycle & scooter in Chennai at Survey No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1 B(Part) of Vadagal & Budanur Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.

The project falls under schedule 8(b) Townships/ Area Development Projects / Rehabilitation Centres and has been issued Environmental Clearance accordingly. In this regard, we like to submit the hardcopy of Environmental clearance to your office. We kindly request you to acknowledgement receipt of this certificate.

Thanking you,
For India Yamaha Motor Private Limited.,

INDIA YAMAHA MOTOR PRIVATE LIMITED CHENNAI

Authorized Signatory
Enclosures: Environmental Clearance Copy

YAMAHA

Revs Your Heart

INDIA YAMAHA MOTOR PVT. LTD.

ENERGY, ENVIRONMENT, HEALTH & SAFETY (EEHS) POLICY

India Yamaha Motor Pvt Ltd., manufacturer of Two Wheelers, is committed to provide and continually improve an Energy Efficient, Environment friendly, Safe and Healthy workplace by :

- Conserving natural resources, preventing adverse impact on Environment, promoting recycling reducing waste & increasing green cover;
- Striving to eliminate hazards and reducing risk to all people working at our locations and community;
- Promoting occupational health of employees;
- Complying with applicable legal and other requirements;
- Promoting Renewable Energy, adapting energy efficient design and procurement of equipment & services to achieve long term vision of Carbon Neutrality
- Ensuring availability of information & resources to meet EEHS management objectives & targets;
- Ensuring participation and consultation of all people working at our locations and promoting awareness on Carbon Neutrality, Energy Conservation & EEHS Practices.

Wataru Yamazaki
Occupier

February, 2023

YAMAHA

Revs Your Heart

இந்தியா யமாஹா மோட்டார் பிரைவேட் லிமிடெட்

ஆற்றல், சுற்றுச்சூழல், சுகாதாரம் மற்றும் பாதுகாப்பு கொள்கை

இரு சக்கர வாகன தயாரிப்பு நிறுவனமான இந்திய யமஹா மோட்டார் பிரைவேட் லிமிடெட்., ஆற்றல் வாய்ந்த, சுற்றுச் சூழலுக்கு ஏற்ற, பாதுகாப்பான மற்றும் சுகாதாரமான பணியிடத்தினை பின்வரும் நடைமுறைகள் மூலம் ஏற்படுத்துகின்றது.

- இயற்கை வளங்களை பாதுகாத்தல், சுற்றுச்சூழலுக்கு ஏற்படும் பாதிப்புகளை தடுத்தல், மறு சுழற்சியை ஊக்குவித்தல் கழிவுகளை குறைத்தல் மற்றும் பசுமையினை மேம்படுத்துதல்

- எங்களது பணியிடங்கள் மற்றும் சமூகத்தில் பணியாற்றும் பணியாளர்களுக்கு ஏற்படும் ஆபத்துகளை குறைக்க நடவடிக்கைகள் எடுத்தல்

- சட்ட திட்டங்களுக்கு உட்பட்டு நடத்தல்

- புதுப்பிக்கத்தக்க ஆற்றல் உபயோகத்தை ஊக்குவித்தல், பாதுகாப்பான சுற்றுச்சூழலுக்கு ஏற்ற ஆற்றல் வாய்ந்த பொருட்களை வடிவமைத்தல் மற்றும் சேவைகளை வழங்குதல் மற்றும் கொள்முதல் செய்தலின் மூலம் கார்பன் நடுநிலைமை இன் நீண்டகால இலக்கை அடைதல்

- நிறுவனத்தின் நோக்கம் மற்றும் இலக்கினை அடைய போதிய வளங்களும் தகவல்களும் இருப்பதை உறுதிசெய்தல்

- எங்கள் நிறுவனத்தில் பணியாற்றும் அனைவரும் ஆற்றல் மற்றும் பாதுகாப்பு ஆலோசனைகளில் கலந்து கொள்வதையும் விழிப்புணர்வை ஏற்படுத்த பங்களிப்பை அளிக்கவும் உறுதி செய்தல்.

வதாரு யமசாகி
இயக்குனர்

பிப்ரவரி, 2023

CHENNAI METTEX LAB PRIVATE LIMITED®

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Phone: +91-44-22223163, 22211034, 42179490, 42179491 CIN: U74999TN2016PTC109458
Email: testlab@mettechlab.com | Web: www.mettechlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	SRF Dated : 08/05/2026		
Laboratory No	2707593/019	Test Certificate No	CML/26-27/T015764
Sampling Plan & Procedure	CML/LAB/ENV/SOP/AAQ	Test Certificate Date	13/05/2026
Date of Sampling	07/05/2026	Analysis Commenced On	09/05/2026
Date of Receipt	08/05/2026	Analysis Completed On	12/05/2026
Sample Description	Ambient Air Quality Monitoring		
Location of Sampling (as stated by customer)	Near Employee Gate		
Ambient Temperature	Min 27°C & Max 33°C	Relative Humidity	Min 69 % & Max 79 %

S.No	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter (Particle Size less than 10 µm) or PM_{10}	IS 5182 Part 23 : 2006	61.4	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	29.9	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	6.7	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.0	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	ng/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date: CML/ENV/RDS/001 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date: CML/ENV/FDS/005 & 19/11/2026
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
(Authorised Signatory)

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 106,
Tamil Nadu, India.

Customer References	SRF Dated : 06/05/2026		
Laboratory No	2707593/020	Test Certificate No	: CML/26-27/T015765
Sampling Plan & Procedure	CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 12/05/2026
Date of Sampling	07/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	Ambient Air Quality Monitoring.		

Location of Sampling (as stated by customer) : Near Venture Gate

Ambient Temperature : Min 27°C & Max 33°C Relative Humidity : Min 69 % & Max 79 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline: Chemical					**Group: Atmospheric Pollution:**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	62.1	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	29.4	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	7.1	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.4	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:26)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date :CML/ENV/RDS/002 & 19/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/ENV/FDS/006 & 19/11/2026
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

V. JEEVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VP-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 2707593/021	Test Certificate No	: CML/26-27/T015768
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Shipping Building

Ambient Temperature : Min 27°C & Max 33°C Relative Humidity : Min 49 % & Max 78 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	60.7	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	28.5	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	6.6	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	23.1	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date: CML/ENV/RDS/003 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date: CML/ENV/FDS/007 & 19/11/2026

Note: **BDL**-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;

Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TC-4888

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No.VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 2707593/022	Test Certificate No	: CML/26-27/T015767
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Scrap Yard

Ambient Temperature : Min 27°C & Max 33°C Relative Humidity : Min 49 % & Max 78 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	59.5	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	24.2	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec.1 : 2023	6.4	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.8	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date :CML/ENV/RDS/035 & 18/11/2026,
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/ENV/FDS/012 & 19/11/2026
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Technical & Authorised Signatory
Authorised Signatory

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TC-6888

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vadam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Test Certificate No : CML/26-27/3914715
Test Certificate Date : 15/05/2026
Date of Receipt : 06/05/2026

Customer Reference : SRF Dated : 05/05/2026
Laboratory No : 2746543/069
Sample Description : RO Drinking Water

Analysis Commenced On : 06/05/2026
Analysis Completed On : 09/05/2026
ULR : TC589826080000991SF

Sample Collected By : M/s. Chennai Mettex Lab Representative.

S.No.	Test Parameters	Test Method	Units	Results	Limits as per IS: 10500:2012 [Reaff:2023] With Amendment No: 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Table 1 : Organoleptic and Physical Parameters						
Discipline :Chemical						**Group: Water**
1	Colour	IS 3025 Part 4 :2023	Hazen	BDL(DL 1)	5.0	15
2	Odour	IS 3025 Part 5:2018	-	Agreeable	Agreeable	Agreeable
3	pH at 27°C	IS 3025 Part 11 : 2022 Electrometric method	-	6.94	6.5 - 8.5	No Relaxation
4	Turbidity	IS 3025 Part 10 : 2023	NTU	BDL(DL 0.5)	1.0	5.0
5	Taste	IS 3025 Part 8 : 2023	-	Agreeable	Agreeable	Agreeable
6	Total Dissolved Solids	IS 3025 Part 16 : 2023	mg/l	22	500	2000
Table 2 : General Parameters Concerning Substances Undesirable in Excess Amounts						
Discipline :Chemical						**Group: Water & Residues in Water**
7	Aluminium as Al	IS 3025 part 55 : 2022	mg/l	BDL(DL 0.005)	0.03	0.2
8	Ammonia (as total ammonia-N)	IS 3025 Part 34 : 1988 (Nesslerization method)	mg/l	BDL(DL 0.01)	0.5	No Relaxation
9	Anionic surface active agents (as MBAS)	IS 3025 Part 65 : 2019	mg/l	BDL(DL 0.01)	0.2	1.0
10	Barium as Ba	IS 3025 part 65 : 2022	mg/l	BDL(DL 0.01)	0.7	No Relaxation
11	Boron as B		mg/l	BDL(DL 0.01)	0.5	2.4
12	Calcium as Ca	IS 3025 Part 40 : 1991 EDTA titrimetric method	mg/l	80.0	75	200
13	Chloramines as Cl_2	APHA 24th Edition 2023 - 4500 Cl A	mg/l	BDL(DL 0.3)	4.0	No Relaxation
14	Chloride as Cl	IS 3025 Part 32 :1988 (Argentometric Method)	mg/l	7.8	250	1000
15	Copper as Cu	IS 3025 part 65 : 2022	mg/l	BDL(DL 0.05)	0.05	1.5
16	Fluoride as F	APHA 24th Edition 2023 - 4500 - F - B	mg/l	BDL(DL 0.1)	1.0	1.5
17	Residual Free Chlorine	IS 3025 Part 26 :2021	mg/l	BDL(DL 0.1)	0.2 [Min]	1.0 [Min]
18	Iron as Fe	IS 3025 Part 53 : 2003 [1.10 phenanthroline method]	mg/l	BDL(DL 0.05)	0.3	No Relaxation
19	Magnesium as Mg	IS 3025 Part 46 : 1994	mg/l	BDL(DL 1)	30	100
20	Manganese as Mn	IS 3025 part 65 : 2022	mg/l	BDL(DL 0.01)	0.1	0.3
21	Mineral Oil	IS 3025 Part 39 2021	mg/l	BDL(DL 0.01)	0.5	No Relaxation

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Test Certificate No : CML/26-27/7014715

Test Certificate Date : 19/05/2026 ULR : TC558926000039915F

S.No.	Test Parameters	Test Method	Units	Results	Limits as per IS: 10500:2012 (Read 2022) With Amendment No.: 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Discipline: Chemical					**Group: Water & Residues in Water**	
22	Phenolic compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 : 2022	mg/l	[illegible]	0.001	0.002
23	Selenium as Se	IS 3025 part 56 : 2023	mg/l	[illegible]	0.01	No Relaxation
24	Silver as Ag		mg/l	[illegible]	0.1	No Relaxation
25	Sulphate as SO_4	IS 3025 Part 24/Sec 1 : 2022	mg/l	[illegible]	200	400
26	Nitrate as NO_3	APHA 24th Edition 2023 – 4500 NO3 B	mg/l	[illegible]	45	No Relaxation
27	Sulphide as H_2S	IS 3025 Part 29 : 2022	mg/l	[illegible]	0.05	No Relaxation
28	Total Alkalinity as $CaCO_3$	IS 3025 Part 23 : 2023	mg/l	73.8	200	600
29	Total Hardness as $CaCO_3$	IS 3025 Part 21 : 2009 EDTA titrimetric method	mg/l	[illegible]	200	600
30	Zinc as Zn	IS 3025 part 49 : 2021	mg/l	[illegible]	5.0	15
Table 3 : Parameters Concerning Toxic Substances						
Discipline: Chemical					**Group: Water & Residues in Water**	
31	Cadmium as Cd	IS 3025 part 65 : 2022	mg/l	[illegible]	0.003	No Relaxation
32	Cyanide as CN	IS 3025 Part 27/Sec 1 : 2022 (Colorimetric method)	mg/l	[illegible]	0.05	No Relaxation
33	Lead as Pb	IS 3025 part 47 : 2022	mg/l	[illegible]	0.01	No Relaxation
34	Mercury as Hg	IS 3025 part 48 : 2022	mg/l	[illegible]	0.001	No Relaxation
35	Molybdenum as Mo	IS 3025 part 40 : 2022	mg/l	[illegible]	0.07	No Relaxation
36	Nickel as Ni		mg/l	[illegible]	0.02	No Relaxation
37	Polychlorinated Biphenyls (PCB)	APHA 24th Edition 2017 – 6631	mg/l	[illegible]	0.0005	No Relaxation
38	Poly Nuclear Aromatic Hydrocarbons (PAH)	APHA 24th Edition 2023 – 6440	mg/l	[illegible]	0.0002	No Relaxation
39	Total Arsenic as As	IS 3025 part 37 : 2022	mg/l	[illegible]	0.01	No Relaxation
40	Total Chromium as Cr		mg/l	[illegible]	0.05	No Relaxation
Trihalomethanes						
41	Bromoform	APHA 24th Edition 2023 – 6232	mg/l	[illegible]	0.1	No Relaxation
42	Dibromochloromethane		mg/l	[illegible]	0.1	No Relaxation
43	Bromodichloromethane		mg/l	[illegible]	0.06	No Relaxation
44	Chloroform		mg/l	[illegible]	0.2	No Relaxation
45	Uranium as U	IS 3025 part 65 : 2022	mg/l	[illegible]	0.03	No Relaxation
Table 5 : Pesticide Residues Limits						
Discipline: Chemical					**Group: Water & Residues in Water**	
46	Alachlor	USEPA 525.2	µg/l	[illegible]	-	20
47	Atrazine	USEPA 8141 A	µg/l	[illegible]	-	2.0
48	Aldrin	USEPA 525.2	µg/l	[illegible]	-	0.03
49	Dieldrin		µg/l	[illegible]	-	0.03
50	Alpha BHC	USEPA 5041	µg/l	[illegible]	-	0.01
51	Beta BHC		µg/l	[illegible]	-	0.04
52	Butachlor	USEPA 8141 A	µg/l	[illegible]	-	125

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Test Certificate No : CML/24-27/T014715 Page 5 of 5

Test Certificate Date : 15/05/2024 ULR : TC550926000039915F

S.No.	Test Parameters	Test Method	Units	Results	Limit as per IS: 10500:2012 (Revised 2012) With Amendment No : 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Discipline :Chemical						**Groups: Water & Residues in Water**
53	Chlorpyrifos	USEPA 525.2	µg/l	NDL(LOD:0.01)	-	30
54	Delta - BHC (HCH)	USEPA 508.1	µg/l	NDL(LOD:0.01)	-	0.04
55	1, 2-Dichloropropane/ Dichloropropane	USEPA 524.2	µg/l	NDL(LOD:0.01)	-	20
56	DEP - DMP	USEPA 508.1	µg/l	NDL(LOD:0.01)	-	1.0
57	P,P' - DDT		µg/l	NDL(LOD:0.01)	-	1.0
58	O,P' - DDT		µg/l	NDL(LOD:0.01)	-	1.0
59	P,P' - DDE		µg/l	NDL(LOD:0.01)	-	1.0
60	O,P' - DDD		µg/l	NDL(LOD:0.01)	-	1.0
61	P,P' - DDD		µg/l	NDL(LOD:0.01)	-	1.0
62	Alpha - Endosulfan		µg/l	NDL(LOD:0.01)	-	0.4
63	Beta - Endosulfan		µg/l	NDL(LOD:0.01)	-	0.4
64	Endosulfan sulphate		µg/l	NDL(LOD:0.01)	-	0.4
65	Endrin	USEPA 525.2 & USEPA 508.1	µg/l	NDL(LOD:0.01)	-	0.6
66	Gamma HCH (Lindane)	USEPA 508.1	µg/l	NDL(LOD:0.01)	-	2.0
67	Heptachlor	USEPA 525.2	µg/l	NDL(LOD:0.01)	-	0.03
68	Malathion	USEPA 8141 A	µg/l	NDL(LOD:0.01)	-	190
69	Methyl parathion		µg/l	NDL(LOD:0.01)	-	0.3
70	Monocrotophos		µg/l	NDL(LOD:0.01)	-	1.0
71	Phorate		µg/l	NDL(LOD:0.01)	-	2.0
Table 6 : Bacteriological Quality of Drinking Water						
Discipline :Biological						**Groups: Water**
72	Escherichia coli	IS 15185 : 2016 (Reaff 2021)		Absent/100 ml	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample
73	Total Coliforms			Absent/100 ml	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample

Note: The above water sample complies with Acceptable limits of drinking water specifications as per IS:10500:2012(Reaff 2021) With Amendment No. 4 November 2021 with respect to above parameters tested. "-" is applicable only where water is chlorinated.
Abbreviations Used: Nil - Not a Detectable Limit; BL - Detectable Limit; APHA - American Public Health Association.

End of Report

Reviewed & Authorized by
R. ARUNAN
Technical Manager
Authorized Signatory

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
R. KAVITHA
Technical Manager
Authorized Signatory

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CML/CAB/27.0/1

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No: VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist, 602 105,
Tamil Nadu - India.

Test Certificate No : CML/26-27/T014713
Test Certificate Date : 15/05/2026
Date of Receipt : 05/05/2026
Customer Reference : SRP Dated : 05/05/2026
Analysis Commenced On : 06/05/2026
Laboratory No : 2706345/003
Analysis Completed On : 12/05/2026
Sample Description : ETP Inlet Water

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical		**Group: Pollution & Environment**		
1	Colour (By Visual)	IS 3025 Part 4 : 2021	Hazen	Black
2	pH at 27°C	IS 3025 Part 11 : 2022 [electrometric method]	NA	7.06
3	Temperature	IS 3025 Part 9 :2023	°C	27
4	Total Dissolved Solids	IS 3025 Part 16 :2023	mg/l	406
5	Total Suspended Solids	IS 3025 Part 17 : 2022	mg/l	250
6	Sulphate as SO_4	IS 3025 Part 24/Sec 1 : 2022 [Turbidity method]	mg/l	80
7	Oil & Grease	IS 3025 Part 39 2023	mg/l	18
8	Cadmium as Cd	IS 3025 Part 2 : 2019	mg/l	504 (DL:0.003)
9	Chemical Oxygen Demand	IS 3025 Part 58:2023	mg/l	386
10	Dissolved Phosphate as P	IS 3025 Part 31/Sec 1 : 2022 [Stannous chloride method]	mg/l	38.6
11	BOD @ 27°C for 3 days	IS 3025 Part 44 : 2023	mg/l	172
12	Boron as B	IS 3025 Part 2 : 2019	mg/l	0.16
13	Sulphide as S	IS 3025 Part 29 : 2022	mg/l	Nil (DL:0.01)
14	Ammoniacal Nitrogen as N	IS 3025 Part 34 : 1988 [Titrimetric Method]	mg/l	6.12
15	Total Kjeldahl Nitrogen as N	IS 3025 Part 34 : 1988 [Macro-Kjeldahl Method]	mg/l	224
16	Phenolic Compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 : 2022	mg/l	BDL (DL:0.001)
17	Fluoride as F	APHA 24th Edition 2023 - 4500-F- B, D	mg/l	3.16
18	Chloride as Cl	IS 3025 Part 32 : 1988 [Argentometric method]	mg/l	126
19	Particle size of suspended solids	CML/W/SHF/25	NA	Pass the test
20	Total Residual Chlorine	IS 3025 Part 26:2021	mg/l	BDL (DL:0.1)
21	Free ammonia as NH_3	IS 3025 Part 34 : 1988 [Nesslerization method]	mg/l	8.49

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Test Certificate No : CML/26-27/T014713
Test Certificate Date : 15/05/2026

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical			**Group: Pollution & Environment**	
22	Arsenic as As	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)
23	Mercury as Hg	IS 3025 part 65: 2022	mg/l	BDL(DL:0.0005)
24	Lead as Pb	IS 3025 Part 2 - 2019	mg/l	0.06
25	Hexavalent Chromium as Cr^{6+}	IS 3025 Part 52 - 2003(Diphenyl carbazide method)	mg/l	BDL(DL:0.01)
26	Total Chromium as Cr	IS 3025 Part 2 - 2019	mg/l	0.05
27	Copper as Cu	IS 3025 Part 2 - 2019	mg/l	0.02
28	Zinc as Zn	IS 3025 Part 2 - 2019	mg/l	0.06
29	Selenium as Se	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.005)
30	Nickel as Ni	IS 3025 Part 2 - 2019	mg/l	0.03
31	Cyanide as CN	IS 3025 Part 27/Sec-1-2021	mg/l	BDL(DL:0.01)
32	Percent Sodium	CML/W/SOP/63	mg/l	64.28
33	Residual Sodium Carbonate	CML/W/SOP/64	meq/l	0.32
34	Total Pesticide Residue	CML/INS/SOP/AT &05	mg/l	BDL(DL:0.00005)

Abbreviation: NA: Not Applicable, APHA: American Public Health Association, BDL: Below Detection Limit, DL: Detection Limit.

---End of Report---

For Chennai Mettex Lab Private Limited

Checked & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

CHENNAI METTEX LAB PRIVATE LIMITED

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TEST REPORT

ISSUED TO: **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Test Certificate No: CML/Jn-27/7014714
Test Certificate Date: 16/09/2026
Date of Receipt: 05/05/2026
Customer Reference: SRF Dated: 05/05/2026
Analysis Commenced On: 05/05/2026
Laboratory No: 2706545/006
Analysis Completed On: 12/05/2026
Sample Description: **ETP Outlet Water**

(as stated by customer)

S.No.	Test Parameters	Test Method	Unit	Results	TNPCB Tolerance Limit for Sewage (Max)
Discipline: Chemical					**Group: Pollution & Environment**
1	Colour	IS 3025 Part 4 - 2021	Hazen	10.0	-
2	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	-	7.16	5.5-9.0
3	Temperature	IS 3025 Part 9 - 2023	°C	23	45°C at the point of discharge
4	Total Dissolved Solids	IS 3025 Part 16 - 2023	mg/l	12	2100
5	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	BDL(DL-1.0)	100
6	Sulphate as SO_4	IS 3025 Part 24/Sec 1 - 2022 (Turbidity method)	mg/l	1.24	1000
7	Oil & Grease	IS 3025 Part 39: 2021	mg/l	BDL(DL-1.0)	10
8	Cadmium as Cd	IS 3025 Part 2 - 2019	mg/l	BDL(DL0.001)	2.0
9	Chemical Oxygen Demand	IS 3025 Part 58: 2023	mg/l	BDL(DL-4.0)	250
10	Dissolved Phosphate as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	BDL(DL 0.01	5.0
11	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	BDL(DL-3.0)	30
12	Boron as B	IS 3025 Part 2 - 2019	mg/l	0.10	2.0
13	Sulphide as S	IS 3025 Part 29 - 2022	mg/l	BDL(DL-0.01)	2.0
14	Ammoniacal Nitrogen as N	IS 3025 Part 34 - 1988 (Titrametric Method)	mg/l	BDL(DL-1.0)	50
15	Total Kjeldahl Nitrogen as N	IS 3025 Part 34 - 1988 (Macro-Kjeldahl Method)	mg/l	BDL(DL-1.0)	100
16	Phenolic Compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 - 2024	mg/l	BDL(DL-0.0005)	1.0
17	Fluoride as F	APHA 24th Edition 2023 - 4500 - F - C, D	mg/l	BDL(DL0.1)	2.0
18	Chloride as Cl	IS 3025 Part 32 - 1988 (Argentometric method)	mg/l	12	1000
19	Particle size of suspended solids	CML/M/SOP/35	-	Pass the test	Shall pass 850 micron IS Sieve

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Test Certificate No : **CML/26-27/T014714**
Test Certificate Date : 15/03/2026

S.No.	Test Parameters	Test Method	Unit	Results	TNPCB Tolerance Limit for Sewage (Mix)
Discipline: Chemical					**Group: Pollution & Environment**
20	Total Residual Chlorine	IS 3025 Part 26:2021	mg/l	BDL(DL:0.1)	1.0
21	Free Ammonia as NH_3	IS 3025 Part 34 -1988 (Reaffirmed 2019) Method	mg/l	BDL(DL:0.01)	5.0
22	Arsenic as As	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	0.2
23	Mercury as Hg	IS 3025 part 65: 2022	mg/l	BDL(DL:0.0005)	0.01
24	Lead as Pb	IS 3025 Part 2 - 2019	mg/l	0.01	0.1
25	Hexavalent Chromium as Cr^{6+}	IS 3025 Part 52 - 2003 [Diphenyl carbazide method]	mg/l	BDL(DL:0.05)	0.1
26	Total Chromium as Cr	IS 3025 Part 2 - 2019	mg/l	0.10	2.0
27	Copper as Cu	IS 3025 Part 2 - 2019	mg/l	0.05	3.0
28	Zinc as Zn	IS 3025 Part 2 - 2019	mg/l	0.06	5.0
29	Selenium as Se	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.005)	0.05
30	Nickel as Ni	IS 3025 Part 2 - 2019	mg/l	0.01	3.0
31	Cyanide as CN	IS 3025 Part 27/Sec 1-2021	mg/l	BDL(DL:0.02)	0.2
32	Percent Sodium	CML/W/SOP/54	mg/l	91.14	-
33	Residual Sodium Carbonate	CML/W/SOP/54	meq/l	BDL(0.02)	-
34	Total Pesticide Residue	CML/INS/SOP/01 & 03	mg/l	BDL(DL:0.00001)	Absent
Discipline: Biological					**Group: Pollution & Environment**
35	Faecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100ml	46	-

Abbreviations: APHA: American Public Health Association; MPN: Most Probable Number; BDL: Below Detection Limit; DL: Detection Limit

End of Report

Reviewed & Authorised by
R. ARUHAN
Technical Manager
Authorised Signatory

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No.VY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 2707553/008-014	Test Certificate No	: CML/26-27/T015763
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/N&L	Test Certificate Date	: 12/05/2026
Date of Sampling	: 09/05/2026	Date of Completion	: 09/05/2026
Test Method	: ISO 10847 : 1997		
Sample Description	: Source Noise Monitoring - Insertion Loss		

S.No.	DG Name (as stated by customer)	DG Door Open Noise Level dB(A)	DG Door Close Noise Level dB(A)	RESULTS INSERTION LOSS dB(A)
Discipline :Chemical				**Group :Atmospheric Pollution**
1	DG-1250 KVA-SS-3 (S.No:44)	100.2	74.4	25.8
2	DG-1-750 KVA-SS-4(S.No:45)	99.9	74.6	25.3
3	DG-2-750 KVA SS-4(S.No:46)	99.8	74.5	25.3
4	DG-1-500 KVA-SS-2(S.No:47)	100.1	74.2	25.9
5	DG-2-500 KVA-SS-2(S.No:48)	100.3	74.6	25.7
6	DG-3-500 KVA-SS-2(S.No:49)	99.7	74.1	25.6
7	DG-100 KVA-(S.No:50)	100.2	74.7	25.5

Instrument used for sampling:
Sound Level Meter Instrument ID & Calibration Due Date :CML/ENV/SLM/009 & 25.01.2027
Note: As per CPCB standards for Insertion Loss of DG Noise Level is **Minimum 25 dB(A).**
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 2707593/015-018	Test Certificate No	: CML/26-27/7015760
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/N&L	Test Certificate Date	: 12/05/2026
Date of Sampling	: 08/05/2026	Date of Completion	: 09/05/2026
Test Method	: IS 9989:1981		
Sample Description	: Noise Level Monitoring - Ambient		

S.No.	Location of Sampling (as stated by customer)	Day Time Results dB(A) Leq	Night Time Results dB(A) Leq
Discipline: Chemical		**Group : Atmospheric pollution**	
1	Near Employee Gate	60.4	47.3
2	Near Vendor Gate	59.7	48.9
3	Near Shipping Building	62.9	49.4
4	Near Scrap Yard	58.2	46.2

CPCB Standards for Industrial Area (Maximum) : Day Time 75 dB(A) Leq & Night Time 70 dB(A)
CPCB Standards for Commercial Area (Maximum) : Day Time 65 dB(A) Leq & Night Time 55 dB(A)
CPCB Standards for Residential Area (Maximum) : Day Time 55 dB(A) Leq & Night Time 45 dB(A)

Instrument used for sampling:
Sound Level Meter Instrument ID & Calibration Due Date:CML/ENV/SLM/009 & 29.01.2027
Note: LEQ: Equivalent Continuous Sound Pressure Level
Remarks: The values observed for the pollutants given above are within the CPCB Standard

---End of Report---

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Plot No. VV-1, Sipcot Industrial Park,
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Poonchipuram, Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 05/05/2026		
Laboratory No	: 2706564/001	Test Certificate No	: CML/26-27/7013517
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 08/05/2026
Date of Receipt	: 08/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [ACED] Welding Exhaust Line-1 [55kW]		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 3.250 m^2
Stack Velocity : 12.1 m/sec	Stack Volume of Gas Discharged : 9372 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical				**Group: Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CFR - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CFR - 030 : 1997	27	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Manual CFR - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/008 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the parameters given above are within the CPCB Standard.

---- End of Report ----

For Chennai Mettex Lab Private Limited

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CHENNAI METTEX LAB PRIVATE LIMITED

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Email : testing@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO - **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	SRF Dated : 05/05/2026		
Laboratory No	2706564/003	Test Certificate No	: CML/26-27/T013518
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	05/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	Stack Emission Monitoring		
Stack ID	(ACED) - Welding Exhaust Line -2 (UNit-1)		

Stack Details	
Stack Temperature : 34°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 11.7 m/sec	Stack Volume of Gas Discharged : 95738 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.2	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/009 & 25/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

-----End of Report-----

For Chennai Mettex Lab Private Limited

Digitally Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TC-4888

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. YV-1, Irpuram Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 05/05/2026		
Laboratory No	27065/04/002	Test Certificate No	: CML/26-27/T013519
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	05/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	Stack Emission Monitoring		
Mark ID	(ACSD) - Welding Exhaust Line - 3 (3.No-5)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 96356 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS:11255 Part 1 : 1985	34	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:7.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	28	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The Values observed for the pollutants given above are within the CPCB standards

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. Indlis Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 05/05/2026		
Laboratory No	: 2706564/SPA	Test Certificate No	: CML/26-27/7813520
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 05/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACED) - Preheater and Regenerator (Unit-2)		

Stack Details	
Stack Temperature : 88°C	Stack Cross Sectional Area : 0.160 m^2
Stack Velocity : 11.0 m/sec	Stack Volume of Gas Discharged : 6369 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	7.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM – 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM – 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM – 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than)
Remarks: The values observed for the pollutants given above are within the CPCB Standards

End of Report

For Chennai Mettex Lab Private Limited

Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 05/05/2026		
Lab/Mettex No	: 3706544/005	Test Certificate No	: CML/26-27/1013523
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/37ACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 08/05/2026
Date of Receipt	: 08/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACTD)- Wet Section Phosphating (Unit-8)		

Stack Details	
Stack Temperature : 39°C	Stack Cross Sectional Area : 0.093 m^2
Stack Velocity : 11.4 m/sec	Stack Volume of Gas Discharged : 3521 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical			**Group: Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.4	mg/Nm^3	50/75/150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.9	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/006 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standards

----End of Report----

For Chennai Mettex Lab Private Limited

Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. Isuzu Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India.

Customer Reference	: SKP Dated : 05/05/2026		
Laboratory No	: 2706564/006	Test Certificate No	: CML/26-27/T013522
Sampling Plan & Procedure	: CML/LAB/ENV/SMP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 05/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [ACED] - ED Coating (LNG)]		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 0.250 m^2
Stack Velocity : 11.8 m/sec	Stack Volume of Gas Discharged : 10,598 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical				**Group : Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	7.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/066 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
M. SIVASUBRAMANIAN
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist- 602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 05/05/2026		
Laboratory No	: 2704564/007	Test Certificate No	: CML/26-27/T013523
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 05/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACED)- ED Paint Shop Touch Up Booth (1No.16)		

Stack Details

Stack Temperature : 37°C	Stack Cross Sectional Area : 0.250 m^2
Stack Velocity : 14.5 m/sec	Stack Volume of Gas Discharged : 10750 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	91	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.3	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 28/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/005 & 29/01/2027
Note: BDL=Below Detection Limit; **DL**Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VE-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 06/05/2026		
Laboratory No	2709426/001	Test Certificate No	CML/26-27/T013524
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	12/05/2026
Date of Sampling	09/05/2026	Analysis Commenced On	09/05/2026
Date of Receipt	09/05/2026	Analysis Completed On	11/05/2026
Sample Description	Stack Emission Monitoring		
Stack ID	(ACFO)- ED Paint Air Drying Zone - LPG(5 Nos)		

Stack Details	
Stack Temperature : 39°C	Stack Cross Sectional Area : 0.303 m^2
Stack Velocity : 11.4 m/sec	Stack Volume of Gas Discharged : 13988 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	9.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:10)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:8.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.5	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/SMK/006 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: **BDL**-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

....End of Report....

For Chennai Mettex Lab Private Limited

Report is Authorized by
V. BELAVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO: **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2706926/002	Test Certificate No	: CML/26-27/T013525
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [AEED]-ED Paint Shop Component Marking Removal Settled(S.No:12)		

Stack Details

Stack Temperature : 34°C	Stack Cross Sectional Area : 0.230 m^2
Stack Velocity : 11.2 m/sec	Stack Volume of Gas Discharged : 9733 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

[redacted]

Authorised Signatory

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TC-5889

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. YY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2706926/003	Test Certificate No	: CML/26-27/1043526
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed on	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Pre Heat Oven LPG-(5 No:s)		

Stack Details	
Stack Temperature : 84°C	Stack Cross Sectional Area : 0.250 m^2
Stack Velocity : 11.7 m/sec	Stack Volume of Gas Discharged : 9263 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	2.9	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.4	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 25/11/2026
Flue Gas Analyzer Instrument ID &Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detectable Limit; **DL**:Detection Limit; **NMT**:Not More Than.
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2706/26/004	Test Certificate No	: CML/26-27/7013527
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 09/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 09/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Baking Oven - LPG (S.No : 14)		

Stack Details	
Stack Temperature : 75°C	Stack Cross Sectional Area : 0.493 m^2
Stack Velocity : 11.3 m/sec	Stack Volume of Gas Discharged : 14980 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	7.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	27	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 25/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are Within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Prepared & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 06/05/2026		
Laboratory No	2705926/005	Test Certificate No	: CML/26-27/T013528
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	Stack Emission Monitoring		
Stack ID	Pre Treatment Hot Water Surface Conditioning(Stack No:16)		

Stack Details	
Stack Temperature : 42°C	Stack Cross Sectional Area : 0.008 m^2
Stack Velocity : 10.5 m/sec	Stack Volume of Gas Discharged : 10173 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 :1985	8.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMI/006 & 22/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/03/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standards.

---End of Report---

For Chennai Mettex Lab Private Limited

Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 3T06926/006	Test Certificate No	: CML/26-27/T013529
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 09/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 08/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Air Blow Stallion Vent (S.No 17)		

Stack Details	
Stack Temperature : 32°C	Stack Cross Sectional Area : 0.360 m^2
Stack Velocity : 18.6 m/sec	Stack Volume of Gas Discharged : 14352 $Nm^3/hr.$

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical				**Group : Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	7.0	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 034 : 1997	24	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TEST REPORT

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Plot No.VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2106926/007	Test Certificate No	: CML/26-27/7013230
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Dry DG Open LPG-(530 kW)		

Stack Details	
Stack Temperature : 62°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 11.4 m/sec	Stack Volume of Gas Discharged : 17795 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.7	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM – 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

V. SELVAKUMARI
Technical Manager
Authorised Signatory

NOTE: ... Test Certificate is Satisfactory ... Authorised Signatory ... Jurisdiction ... Chennai ...

CHENNAI METTEX LAB PRIVATE LIMITED

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2706926/008	Test Certificate No	: CML/26-27/T013211
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Mixing Room (S.No : 19)		

Stack Details	
Stack Temperature : 30°C	Stack Cross Sectional Area : 1.440 m^2
Stack Velocity : 11.6 m/sec	Stack Volume of Gas Discharged : 57600 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS:11255 Part-1 : 1985	9.5	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL: 2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL: 1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL: 10)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.3	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

---End of Report---

For Chennai Mettex Lab Private Limited

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Tirperumbudur Taluk,
Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2706926/009	Test Certificate No	: CML/26-27/T013532
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Booth Base Coat (S.No: 28)		

Stack Details	
Stack Temperature : 30°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 11.1 m/sec	Stack Volume of Gas Discharged : 88234 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.9	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/006 & 29/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/005 & 29/11/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Technical Manager
Authorised Signatory

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TC-6466

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No.VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India

Customer Reference	: SRF Dated : 06/05/2026		
Laboratory No	: 2706926/010	Test Certificate No	: CML/26-27/T013533
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 06/05/2026	Analysis Commenced On	: 06/05/2026
Date of Receipt	: 06/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Booth Top Coat-1(ENo :23)		

Stack Details	
Stack Temperature : 34°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 18.5 m/sec	Stack Volume of Gas Discharged : 83252 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	9.7	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

-----End of Report-----

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
M. SELVA KUMAR
Technical Manager
Authorised Signatory

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CML/LAB/ENV/F-6.1

CHENNAI METTEX LAB PRIVATE LIMITED

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Email : lab@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 07/05/2026		
Laboratory No	: 2707227/001	Test Certificate No	: CML/26-27/T018534
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 07/05/2026
Date of Receipt	: 07/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Baking Oven-(SNo:22)		

Stack Details	
Stack Temperature : 116°C	Stack Cross Sectional Area : 0.090 m^2
Stack Velocity : 12.3 m/sec	Stack Volume of Gas Discharged : 3937 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical			**Group : Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	9.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	29	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:8.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.9	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/ESMC/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 20/01/2027
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Technical Manager
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TC-5309

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 07/05/2026		
Laboratory No	: 2707227/002	Test Certificate No	: CML/26-27/T013935
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 07/05/2026
Date of Receipt	: 07/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Engine Testing Area(Stack No: 23)		

Stack Details	
Stack Temperature : 34°C	Stack Cross Sectional Area : 0.129 m^2
Stack Velocity : 18.6 m/sec	Stack Volume of Gas Discharged : 4422 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	8.3	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	18	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:10)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/066 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
Authorised Signatory

NOTE: ... Test Certificate is issued ... Laboratory No ... Sampling Plan & Procedure ... Date of Sampling ... Date of Receipt ... Sample Description ... Stack ID ... Test Certificate No ... Test Certificate Date ... Analysis Commenced On ... Analysis Completed On ... Stack Details ... Stack Temperature : 34°C ... Stack Cross Sectional Area : 0.129 m^2 ... Stack Velocity : 18.6 m/sec ... Stack Volume of Gas Discharged : 4422 Nm^3/hr ... S.No. ... Test Parameters ... Test Method ... Results ... Unit ... CPCB Limits ... Discipline :Chemical ... Group :Atmospheric Pollution ... Particulate Matter ... IS 11255 Part 1 : 1985 ... 8.3 ... mg/Nm^3 ... NMT 150 ... Oxides of Nitrogen (NOx) ... USEPA Method CTM - 030 : 1997 ... BDL(DL:2.0) ... mg/Nm^3 ... - ... Carbon monoxide (CO) ... USEPA Method CTM - 030 : 1997 ... 18 ... mg/Nm^3 ... - ... Sulphur Dioxide (SO_2) ... USEPA Method 6C : 2017 ... BDL(DL:10) ... mg/Nm^3 ... - ... Carbon Dioxide (CO_2) ... USEPA Method 3A : 2017 ... 0.8 ... % ... - ... Oxygen (O_2) ... USEPA Method CTM - 030 : 1997 ... 19.6 ... % ... - ... Instrument used for sampling: ... Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/066 & 23/11/2026 ... Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027 ... Note: BDL-Below Detection Limit; DL-Detection Limit; NMT-Not More Than; ... Remarks: The values observed for the pollutants given above are within the CPCB Standard. ... End of Report ... For Chennai Mettex Lab Private Limited ... V. SELVAKUMAR ... Technical Manager ... Authorised Signatory

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TC-4666

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/05/2026		
Laboratory No	: 2707227/003	Test Certificate No	: CML/26-27/T013536
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 07/05/2026
Date of Receipt	: 07/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Vychicle Testing Area Unit-'B' (S36:29)		

Stack Details	
Stack Temperature : 39°C	Stack Cross Sectional Area : 0.360 m^2
Stack Velocity : 11.6 m/sec	Stack Volume of Gas Discharged : 14234.8 m^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.4	mg/Nm^3	30MT150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/008 & 29/01/2027
Note: **BDL:**Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Technical Authority
Y. SELVAKUMAR
Senior Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
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Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/05/2026		
Laboratory No	: 2707227/004	Test Certificate No	: CML/26-27/1013537
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 07/05/2026	Analysis Commenced On	: 07/05/2026
Date of Receipt	: 07/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Chasis Dyno Testing (S.No:02)		

Stack Details	
Stack Temperature : 34°C	Stack Diameter : 0.15 m
Stack Velocity : 18.2 m/sec.	Stack Volume of Gas Discharged : 625 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical			**Group : Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	9.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/12/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

-----End of Report-----

For Chennai Mettex Lab Private Limited

Approved & Authorised by
V. SIVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105
Tamil Nadu, India

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 3107583/001	Test Certificate No	: CML/26-27/T015758
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 09/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1250 KVA-SS-3 (ENG#44)		

Stack Details	
Stack Temperature : 104 °C	Stack Diameter : 0.60 m
Stack Velocity : 12.3 m/sec	Stack Volume of Gas Discharged : 6437 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 13255 Part 1 : 1993	31.9	mg/Nm^3	NMT 75
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 022 : 1995	277	ppm	NMT 710
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	61	mg/Nm^3	NMT 150
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL (DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.4	%	-
7	Non Methane Hydrocarbon	CML/LAB/ENV/SOP/NMHC	33	mg/Nm^3	NMT 100

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; DL: Detection Limit; NMT: Not More Than.
Remarks: The values observed for the pollutants given above are within the CPCB standard & the results of PM, NOx, CO & NMHC are calculated at 15% Oxygen correction according to CPCB norms.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. SRINIVASAN
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 2707581/002	Test Certificate No	: CML/26-27/T015797
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 08/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1-750 KVA-SS-4 (S.No:45)		

Stack Details	
Stack Temperature : 260°C	Stack Diameter : 0.3 m
Stack Velocity : 13.3 m/sec	Stack Volume of Gas Discharged : 1824 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.094	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NO_x + HC)	USEPA Method CTM - 022 : 1995 & 258 : 2017	6.454	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.676	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A - 2017	5.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.4	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 25/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Technical Authorised Signatory
K. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 08/05/2026		
Laboratory No	: 2707593/003	Test Certificate No	: CML/26-27/TR15708
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 08/05/2026	Analysis Commenced On	: 08/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1-750 KVA IS-1[S.No:46]		

Stack Details	
Stack Temperature : 274°C	Stack Diameter : 0.3 m
Stack Velocity : 13.6 m/sec	Stack Volume of Gas Discharged : 1874 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	0.0103	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 258 : 2017	0.844	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.623	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

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TEST REPORT

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Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SOF Dated - 08/05/2026		
Laboratory No	: 2707583/004	Test Certificate No	: CML/26-27/T015759
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 08/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1-500 KVA-SS-2(S No.47)		

Stack Details	
Stack Temperature : 258°C	Stack Diameter : 0.25 m
Stack Velocity : 13.8 m/sec	Stack Volume of Gas Discharged : 1371 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	0.088	g/kw-hr	NMT 0.3
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & SSB : 2011	0.621	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.616	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A - 2017	5.1	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.03.2027
Note: BDL:Below Detection Limit, **DL**:Detection Limit, **NMT**:Not More Than.
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
R. SELVAKUMAR
Technical Manager
Authorised Signatory

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CML/QMS/F/08 Rev.

CHENNAI METTEX LAB PRIVATE LIMITED

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Phone: +91 44 22223163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 18/05/2026		
Laboratory No	: 2707393/005	Test Certificate No	: CML/26-27/IT015768
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 08/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 11/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-2-500 KVA SS-2(5 No)(48)		

Stack Details	
Stack Temperature : 215°C	Stack Diameter : 0.25 m
Stack Velocity : 13.7 m/sec	Stack Volume of Gas Discharged : 1393 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.07	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 25B : 2017	0.638	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.528	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(BL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.1	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.8	%	-

Instruments used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The Values observed for the pollutants given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

V. GEEVANJULU
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO: **M/s. India Yamaha Motor Private Limited,**
Plot No. VP-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SDP Dated : 08/05/2026		
Laboratory No	: 2707593/006	Test Certificate No	: CML/26-27/T015761
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	: 09/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	: 09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description, Stack ID	: Stack Emission Monitoring DG-3-500 KVA-SS-2(S No:99)		

Stack Details	
Stack Temperature : 104°C	Stack Diameter : 0.25 m
Stack Velocity : 12.8 m/sec	Stack Volumn of Gas Discharged : 1411 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.072	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NO_x + HC)	USEPA Method CTM - 022 : 1995 & 320 : 2017	0.674	g/kw-hr	NMT 4.9
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.457	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 28/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TEST REPORT

ISSUED TO **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	SRF Dated : 08/05/2026		
Laboratory No	2307393/007	Test Certificate No	: CML/26-27/7015762
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 12/05/2026
Date of Sampling	08/05/2026	Analysis Commenced On	: 09/05/2026
Date of Receipt	09/05/2026	Analysis Completed On	: 12/05/2026
Sample Description	Stack Emission Monitoring		
Stack ID	DG-150 KVA-(S.No-58)		

Stack Details	
Stack Temperature : 192°C	Stack Diameter : 0.1 m
Stack Velocity : 13.2 m/sec	Stack Volume of Gas Discharged : 238 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.002	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NO_x + HC)	USEPA Method CTM - 022 : 1995 & 25B : 2017	0.809	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.617	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	--
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.7	%	--
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	14.2	%	--

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 28.11.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. SV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2708392/001	Test Certificate No	: CML/26-27/T015769
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment Pre-Washing Machine (S.No:35)		

Stack Details	
Stack Temperature : 41°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 7.4 m/sec	Stack Volume of Gas Discharged : 10931 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline Chemical				**Group : Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	0.3	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	24	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/ISK/006 & 23/12/2026
Flue Gas Analyser Instrument ID & Calibration Due Date: CML/LAB/ENV/EGA/006 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2708392/002	Test Certificate No	: CML/26-27/7015770
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 13/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-3-Tempering Furnace (S.No:37)		

Stack Details

Stack Temperature : 74°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 9.2 m/sec	Stack Volume of Gas Discharged : 13864 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	21	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.9	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMR/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Signature & Authorised By
M. [illegible]
Technical Manager
Authorised Signatory

NOTE : [illegible]

CHENNAI METTEX LAB PRIVATE LIMITED

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2708392/003	Test Certificate No	: CML/20-27/TC-5771
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-4-Gas Nitriding Furnace (SW2-30)		

Stack Details	
Stack Temperature : 121°C	Stack Diameter : 0.250 m
Stack Velocity : 9.6 m/sec	Stack Volume of Gas Discharged : 1275 Nm³/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.4	mg/Nm³	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL-2.0)	mg/Nm³	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL-1.0)	mg/Nm³	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm³	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 22/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

V. SELVARAJAN
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Ranchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2709292/004	Test Certificate No	: CML/26-27/T015772
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed on	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment Vacuum Washing Machine Annealing (Unit-IV)		

Stack Details	
Stack Temperature : 62°C	Stack Diameter : 0.250 m
Stack Velocity : 11.8 m/Sec	Stack Volume of Gas Discharged : 1848 Nm³/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	9.2	mg/Nm³	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm³	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm³	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm³	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 28/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No.VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist. 602 105.
Tamil Nadu, India

Customer Reference	SRF Dated : 11/05/2026		
Laboratory No	2700392/005	Test Certificate No	: CML/26-27/T015773
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	Stack Emission Monitoring		
Stack ID	Heat Treatment -5- Pillar (S No:61)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 0.503 m^2
Stack Velocity : 8.9 m/sec	Stack Volume of Gas Discharged : 11030 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical			**Group : Atmospheric Pollution**		
1	Particulate Matter	IS:11255 Part 1 : 1985	8.7	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

Jolly Complex, 83, M.K.N. Road, Guindy, Chennai - 600 032, Tamil Nadu, INDIA
Phone : +91 44 22323162, 22311034, 42177490, 42177491 / CIN : U74999TN2008PTC069459
Email : test@mettexlab.com / Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2708392/006	Test Certificate No	: CML/26-27/7015774
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S. No : 05)		

Stack Details	
Stack Temperature : 34°C	Stack Cross Sectional Area : 0.09 m²
Stack Velocity : 11.4 m/sec	Stack Volume of Gas Discharged : 3566 Nm³/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	5.6	mg/Nm³	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm³	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm³	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm³	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewer & Authorised by
V. [illegible]
Technical Manager
Authorised Signatory

NOTE: [illegible]

CHENNAI METTEX LAB PRIVATE LIMITED

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2705392/007	Test Certificate No	: CML/26-27/T015775
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Genset Exhaust (8 No / 02)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 0.07 m^2
Stack Velocity : 11.9 m/sec	Stack Volume of Gas Discharged : 2877 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	3.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 29/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

NOTE : Any interfering substance present in the sample or any deviation in the method mentioned will be duly mentioned in the test report. The results relate only to the sample tested and not to the bulk. This report shall not be reproduced except in full without the written approval of the laboratory. Samples will be retained for a period of 30 days only unless otherwise agreed. Complaints, if any, should be addressed to us within 7 days from the date of issue of report. Unless otherwise stated, the uncertainty of measurement is not considered while arriving at the compliance statement. This report is subject to the Terms & Conditions of Chennai Mettex Lab Pvt. Ltd. and is valid for the samples as received.

CHENNAI METTEX LAB PRIVATE LIMITED

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Email : mail@mettexlab.com | Web : www.mettexlab.com

TC-4469

TEST REPORT

ISSUED TO : **M/s. Indus Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2708362/008	Test Certificate No	: CML/26-27/T015776
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S.No-04)		

Stack Details	
Stack Temperature : 30°C	Stack Cross Sectional Area : 0.14 m^2
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 5957 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical			**Group: Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	5.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Email : testing@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 15/05/2026		
Laboratory No	: 2708392/009	Test Certificate No	: CML/26-27/7015777
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (I. No : 03)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 0.00 m^2
Stack Velocity : 12.2 m/sec	Stack Volume of Gas Discharged : 3780 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS:11255 Part 1 : 1985	5.2	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 038 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 028 : 1997	20.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note) BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the said stacks given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Email : lab@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 11/05/2026		
Laboratory No	: 2708392/010	Test Certificate No	: CML/26-27/T015779
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 15/05/2026
Date of Sampling	: 11/05/2026	Analysis Commenced On	: 12/05/2026
Date of Receipt	: 12/05/2026	Analysis Completed On	: 15/05/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Boiler - 2 (S.No 31)		

Stack Details	
Stack Temperature : 90°C	Stack Diameter : 0.70 m
Stack Velocity : 13.4 m/sec	Stack Volume of Gas Discharged : 11547 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	18.1	mg/Nm^3	50 MT
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	7.1	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	11.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Authorised Signatory
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist. 602 105,
Tamil Nadu, India.

Customer Reference : SRF Dated : 05/05/2026

Laboratory No : 2705547/001

Sample Description : STP Inlet Water

Test Certificate No : CML/26-27/TC14721

Test Certificate Date : 15/05/2026

Date of Receipt : 05/05/2026

Analysis Commenced On : 05/05/2026

Analysis Completed On : 11/05/2026

S.No	Test Parameters	Test Method	Units	Results
Discipline: Chemical			**Group: Pollution & Environment**	
1	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	NA	6.48
2	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	418
3	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	276
4	Chemical Oxygen Demand	IS 3025 Part 58:2023	mg/l	564
5	Oil & Grease	IS:3025 Part 39:2021	mg/l	24
6	Total Phosphorus as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	8.64
7	Ammonical Nitrogen as N	IS 3025 Part 34 -1988 (Titrimetric Method)	mg/l	29.0
8	Total Nitrogen as N	IS 3025 Part 73 - 2021	mg/l	32.10
Discipline: Biological			**Group: Pollution & Environment**	
9	Faecal Coliform	APHA 24th Edition 2023 - 9221 F	MPN/100ml	350

Abbreviation: NA: Not Applicable, APHA: American Public Health Association, MPN: Most Probable Number.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
B. ARUNAN
Technical Manager
Authorised Signatory

Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist.

Test Certificate No : CML/Ch-27/T015712
Test Certificate Date : 15/05/2026
Date of Receipt : 05/05/2026
Analysis Commenced On : 05/05/2026
Analysis Completed On : 13/05/2026

Customer Reference : SRF Dated: 03/05/2026
Laboratory No : 2706545/002
Sample Description : STP Outlet Water

S.No.	Test Parameters	Test Method	Unit	Results	CPCB Tolerance Limits for Sewage (Max)
Discipline: Chemical					**Group: Pollution & Environment**
1	pH @ 25°C	IS 3025 Part 11 - 2022 (Electrometric method)	-	6.96	5.5 - 9.0
2	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	9	20
3	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	6	10
4	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	46	50
5	Ammonical Nitrogen as N	IS 3025 Part 34-1988 (Titrimetric Method)	mg/l	5.32	-
6	Total Nitrogen as N	IS 3025 Part 23 - 2021	mg/l	7.73	10
Discipline: Biological					**Group: Pollution & Environment**
7	Fecal Coliform	APHA 24th Edition 9923 - 9221 B	MPN/100ml	46	Less than 100

Abbreviation: APHA: American Public Health Association, MPN: Most Probable Number

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
B. ARUNAN
Technical Manager
Authorised Signatory

Reviewed & Authorized by
P. KALYAN
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712645/017	Test Certificate No	: CML/26-27/1024364
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/A&Q	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Ambient Air Quality Monitoring		
Location of Sampling (As stated by customer)	: Near Employee Gate		
Ambient Temperature	: Min 27°C & Max 33°C	Relative Humidity	: Min 60 % & Max 70 %

S.No	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	62.8	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	30.2	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	8.9	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.4	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO – 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date :CML/LAB/ENV/RDS/034 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/003 & 19/11/2026
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

—— End of Report ——

For Chennai Mettex Lab Private Limited

Reviewed & Published by
V. SRI VASUDEVA
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712645/018	Test Certificate No	: CML/26-27/T02 4360
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Vendor Cafe
Ambient Temperature : Min 27°C & Max 33°C Relative Humidity : Min 60 % & Max 76 %

S.No	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	62.4	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	29.7	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	7.4	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.8	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO – 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/RDS/035 & 10/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/004 & 19/11/2026
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

—End of Report—

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2713645/019	Test Certificate No	: CML/26-27/T024366
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 09/06/2026
Date of Sampling	: 05/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Shipping Building

Ambient Temperature : Min 27°C & Max 33°C Relative Humidity : Min 48 % & Max 76 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	61.6	µg/M³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	29.2	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	6.7	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	23.6	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:10)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/RDS/036 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/005 & 19/11/2026
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vattagal Village, Sriperumbudur Taluk,
Kancheepuram Dist 602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712/ES/026	Test Certificate No	: CML/26-27/T024367
Sampling Plan & Procedure	: CML/LAB/ENV/ECP/AAQ	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Ambient Air Quality Monitoring		
Location of Sampling (as stated by customer)	: Near Scrap yard		
Ambient Temperature	: Min 27°C & Max 33°C	Relative Humidity	: Min 60 % & Max 76 %

S.No	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	60.1	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	29.8	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	7.2	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.6	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date :CML/LAB/ENV/RDS/037 & 19/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/006 & 19/11/2026
Notes: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. SELVAKUMAR
Technical Manager
Authorized Signatory

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TC-0008

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Test Certificate No : CML/26-27/7035583
Test Certificate Date : 11/06/2026
Date of Receipt : 03/06/2026

Customer Reference : SRF Dated : 03/06/2026
Analysis Commenced On : 03/06/2026
Laboratory No : 2712458/005
Analysis Completed On : 09/06/2026
Sample Description : **RO Drinking Water**
(as stated by customer)
ULR : **TC5589260000485 47F**

Sampling Details : **Sampling Method: CML/LAB/MBL/SOP-013; Sampling Date : 03/06/2026**

Sampling Done by : Mr. G.Kalidass - Chennai Mettex Lab Representative

S.No.	Test Parameters	Test Method	Units	Results	Limit as per IS 10500:2012 (Reaff.2023) With Amendment No. : 4 November 2023	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Table 1 : Organoleptic and Physical Parameters						
Discipline :Chemical						**Group: Water**
1	Colour	IS 3025 Part 4 - 2021	Hazen	BDL(DL:1)	5.0	15
2	Odour	IS 3025 Part 5-2018	-	Agreeable	Agreeable	Agreeable
3	pH at 25°C	IS 3025 Part 11 - 2022 (Electrometric method)	-	6.79	6.5 - 8.5	No Relaxation
4	Turbidity	IS 3025 Part 10 - 2023	NTU	BDL(DL:0.5)	1.0	5.0
5	Taste	IS 3025 Part 8 - 2023	-	Agreeable	Agreeable	Agreeable
6	Total Dissolved Solids	IS 3025 Part 16 - 2023	mg/l	10	500	2000
Table 2 : General Parameters Concerning Substances Undesirable in Excess Amounts						
Discipline :Chemical						**Group: Water & Residues in Water**
7	Aluminium as Al	IS 3025 part 65 - 2022	mg/l	BDL(DL:0.005)	0.03	0.2
8	Ammonia (as total ammonia N)	IS 3025 Part 34 - 1988 (Nesslerization method)	mg/l	BDL(DL:0.01)	0.5	No Relaxation
9	Anionic surface active Agent (as MBAS)	IS 3025 Part 68 - 2019	mg/l	BDL(DL:0.01)	0.2	1.0
10	Barium as Ba	IS 3025 part 65 - 2022	mg/l	BDL(DL:0.03)	0.7	No Relaxation
11	Boron as B		mg/l	BDL(DL:0.05)	0.5	2.4
12	Calcium as Ca	IS 3025 Part 40 - 1991 (EDTA Titrimetric method)	mg/l	2	75	200
13	Chloramines as Cl	APHA 24th Edition 2023 - 4500 Cl-G	mg/l	BDL(DL:0.1)	4.0	No Relaxation
14	Chloride as Cl	IS 3025 Part 32 - 1988 (Argentometric Method)	mg/l	6.8	250	1000
15	Copper as Cu	IS 3025 part 65 - 2022	mg/l	BDL(DL:0.02)	0.05	1.5
16	Fluoride as F	APHA 24th Edition 2023 - 4500 - F-D	mg/l	BDL(DL:0.1)	1.0	1.5
17	*Residual Free Chlorine	IS 3025 Part 26-2021	mg/l	BDL(DL:0.1)	0.2 (Min)	1.0 (Min)
18	Iron as Fe	IS 3025 Part 53 - 2003 (1, 10 phenanthroline method)	mg/l	BDL(DL:0.01)	1.0	No Relaxation
19	Magnesium as Mg	IS 3025 Part 46 - 2023	mg/l	1.1	30	100
20	Manganese as Mn	IS 3025 part 65 - 2022	mg/l	BDL(DL:0.02)	0.1	0.3

Continued...

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TC-8888

Test Certificate No : CML/26-27/T015583

Test Certificate Date : 11/04/2026 ULR : TC558926000048547F

S.No.	Test Parameters	Test Method	Units	Results	Limit as per IS 10500: 2012 (Reaff 2023) With Amendment No. 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Discipline: Chemical					**Group: Water & Residues in Water**	
21	Mineral Oil	IS 3025 Part 39 2021	mg/l	BDL(DL:0.5)	0.5	No Relaxation
22	Phenolic compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 : 2022	mg/l	BDL(DL:0.0005)	0.001	0.002
23	Selenium as Se	IS 3025 part 56 : 2022	mg/l	BDL(DL:0.002)	0.01	No Relaxation
24	Silver as Ag		mg/l	BDL(DL:0.002)	0.1	No Relaxation
25	Sulphate as SO_4	IS 3025 Part 24/Sec 1 : 2022	mg/l	BDL(DL:1)	200	400
26	Nitrate as NO_3	APHA 24th Edition 2023 - 4500 NO3- B	mg/l	BDL(DL:1)	45	No Relaxation
27	Sulphide as S^{2-}	IS 3025 Part 29 : 2022	mg/l	BDL(DL:0.01)	0.05	No Relaxation
28	Total Alkalinity as $CaCO_3$	IS 3025 Part 23 : 2023	mg/l	55.6	200	600
29	Total Hardness as $CaCO_3$	IS 3025 Part 21 : 2009(2024) (Titrimetric method)	mg/l	11.0	200	600
30	Zinc as Zn	IS 3025 part 49 : 2021	mg/l	BDL(DL:0.05)	5.0	15
Table 3 : Parameters Concerning Toxic Substances						
Discipline: Chemical					**Group: Water & Residues in Water**	
31	Cadmium as Cd	IS 3025 part 65 : 2024	mg/l	BDL(DL:0.001)	0.003	No Relaxation
32	Cyanide as CN	IS 3025 Part 27/Sec 1 :2021 (colorimetric method)	mg/l	BDL(DL:0.005)	0.05	No Relaxation
33	Lead as Pb	IS 3025 part 47 : 2022	mg/l	BDL(DL:0.005)	0.01	No Relaxation
34	Mercury as Hg	IS 3025 part 48 : 2022	mg/l	BDL(DL:0.0001)	0.001	No Relaxation
35	Molybdenum as Mo	IS 3025 part 80 : 2022	mg/l	BDL(DL:0.02)	0.07	No Relaxation
36	Nickel as Ni		mg/l	BDL(DL:0.005)	0.02	No Relaxation
37	Poly Chlorinated Biphenyls - (PCB)	APHA 24th Edition 2023 -6431	mg/l	ND(DL:0.0000)	0.0005	No Relaxation
38	Poly Nuclear Aromatic hydrocarbons (PAH)	APHA 24th Edition 2023 -6440	mg/l	ND(DL:0.0000)	0.0002	No Relaxation
39	Total Arsenic as As	IS 3025 part 37 : 2022	mg/l	BDL(DL:0.005)	0.01	No Relaxation
40	Total Chromium as Cr		mg/l	BDL(DL:0.02)	0.05	No Relaxation
Trihalomethanes						
41	Bromoform	APHA 24th Edition 2023 - 6232	mg/l	ND(DL:0.0001)	0.1	No Relaxation
42	Dibromochloromethane		mg/l	ND(DL:0.0001)	0.1	No Relaxation
43	Bromodichloromethane		mg/l	ND(DL:0.0001)	0.06	No Relaxation
44	Chloroform		mg/l	ND(DL:0.0001)	0.2	No Relaxation
45	Uranium as U	IS 3025 part 63 : 2022	mg/l	BDL(DL:0.001)	0.03	No Relaxation
Table 3 : Pesticide Residues Limits						
Discipline: Chemical					**Group: Water & Residues in Water**	
46	Alachlor	USEPA 525.2	ug/l	ND(DL:0.01)	-	20
47	Atrazine	USEPA 8141 A	ug/l	ND(DL:0.01)	-	2.0
48	Alarm	USEPA 525.2	ug/l	ND(DL:0.01)	-	0.03
49	Dieldrin		ug/l	ND(DL:0.01)	-	0.03
50	Alpha HCH	USEPA 508.1	ug/l	ND(DL:0.01)	-	0.01
51	Beta HCH		ug/l	ND(DL:0.01)	-	0.04

Continued..

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CML/QMS/F7.4/1

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TC-0583

Test Certificate No : CML/26-27/T025583

Test Certificate Date : 11/06/2026 ULR : TC5589260000485478

S.No.	Test Parameters	Test Method	Units	Results	Limit as per IS: 10500:2012 (Reaff.2023) With Amendment No.: 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Discipline :Chemical						**Group: Water & Residues in Water**
52	Butachlor	USEPA 8141 A	µg/l	ND(DL:0.01)	-	125
53	Chlorpyriphos	USEPA 525.2	µg/l	ND(DL:0.01)	-	30
54	Delta - BHC (HCH)	USEPA 508.1	µg/l	ND(DL:0.01)	-	0.04
55	2,4-Dichlorophenoxy acetic acid	USEPA 515.1	µg/l	ND(DL:0.01)	-	40
56	O.P - DDT	USEPA 508.1	µg/l	ND(DL:0.01)	-	1.0
57	P.P - DDT		µg/l	ND(DL:0.01)	-	1.0
58	O.P - DDE		µg/l	ND(DL:0.01)	-	1.0
59	P.P - DDE		µg/l	ND(DL:0.01)	-	1.0
60	O.P - DDD		µg/l	ND(DL:0.01)	-	1.0
61	P.P - DDD		µg/l	ND(DL:0.01)	-	2.0
62	Alpha - Endosulfan		µg/l	ND(DL:0.01)	-	0.4
63	Beta - Endosulfan		µg/l	ND(DL:0.01)	-	0.4
64	Endosulfan sulphate		µg/l	ND(DL:0.01)	-	0.4
65	Ethion	USEPA 1657 A	µg/l	ND(DL:0.01)	-	3.0
66	Gamma HCH (Lindane)	USEPA 508.1	µg/l	ND(DL:0.01)	-	2.0
67	Isoproturon	USEPA 532	µg/l	ND(DL:0.01)	-	9.0
68	Malathion	USEPA 8141 A	µg/l	ND(DL:0.01)	-	190
69	Methyl parathion		µg/l	ND(DL:0.01)	-	0.3
70	Monochrotophos		µg/l	ND(DL:0.01)	-	1.0
71	Phorate		µg/l	ND(DL:0.01)	-	2.0

Table 6 : Bacteriological Quality of Drinking Water

Discipline :Biological						**Group: Water**
72	Escherichia coli	IS 15185 - 2016 (Reaff.2021)		Absent/100 ml	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample
73	Total Coliform		-	Absent/100 ml	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample

Note: The above water sample **Complies** with **Acceptable** limits of drinking water specifications as per IS 10500:2012 (Reaff.2023) With Amendment No. 4 November 2021 with respect to above parameters tested. *To be applicable only where water is disinfected.
Abbreviations: BDL: Below Detection Limit, DL: Detection Limit, NP: Not Detected, ARMS: Approach Public Health Assessment

Reviewed & Authorised by
B. ARUNAN
Technical Manager
Authorised Signatory

.... End of Report ....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. GAJENDIRAN
Senior Chemist
Authorised Signatory

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Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist. 602 105,
Tamil Nadu, India.

Customer Reference : SRF Dated : 03/06/2026

Laboratory No : 2712458/003

Sample Description : **ETP Inlet Water**
(as stated by customer)

Test Certificate No : CML/26-27/T025581

Test Certificate Date : 13/06/2026

Date of Receipt : 03/06/2026

Analysis Commenced On : 03/06/2026

Analysis Completed On : 09/06/2026

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical			**Group: Pollution & Environment**	
1	Colour	IS 3025 Part 4 - 2021	Hazen	Black
2	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	NA	7.96
3	Temperature	IS 3025 Part 9 -2023	°C	27
4	Total Dissolved Solids	IS 3025 Part 16 -2023	mg/l	328
5	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	186
6	Sulphate as SO_4	IS 3025 Part 24/Sec 1 - 2022 (Turbidity method)	mg/l	48
7	Oil & Grease	IS 3025 Part 39-2021	mg/l	16
8	Cadmium as Cd	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.001)
9	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	346
10	Dissolved Phosphate as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	39.6
11	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	141
12	Boron as B	IS 3025 Part 2 - 2019	mg/l	0.30
13	Sulphide as S	IS 3025 Part 29 - 2022	mg/l	BDL(DL:0.01)
14	Ammonical Nitrogen as N	IS 3025 Part 34 -1988 (Titrimetric Method)	mg/l	6.86
15	Total Kjeldahl Nitrogen as N	IS 3025 Part 34 -1988 (Macro-Kjeldahl Method)	mg/l	7.34
16	Phenolic Compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 - 2022	mg/l	BDL(DL:0.0005)
17	Fluoride as F	APHA 24th Edition 2023 - 4500 - F - B, D	mg/l	0.76
18	Chloride as Cl	IS 3025 Part 32 - 1988 (Argentometric method)	mg/l	92
19	Particle size of suspended solids	CML/W/SOP/55	NA	Pass the test
20	Total Residual Free Chlorine	IS 3025 Part 26-2021	mg/l	BDL(DL:0.1)
21	Free ammonia as NH_3	IS 3025 Part 34 -1988 (Nesslerization method)	mg/l	0.48

Continued...

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TC 0088

Test Certificate No : **CML/26-27/T025581**

Test Certificate Date : 11/06/2026

S.No	Test Parameters	Test Method	Units	Results
Discipline: Chemical			**Group: Pollution & Environment**	
22	Arsenic as As	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)
23	Mercury as Hg	IS 3025 part-65: 2022	mg/l	BDL(DL:0.0005)
24	Lead as Pb	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)
25	Hexavalent Chromium as Cr^{6+}	IS 3025 Part 52 - 2003(Diphenyl carbazide method)	mg/l	BDL(DL:0.03)
26	Total Chromium as Cr	IS 3025 Part 2 - 2019	mg/l	0.04
27	Copper as Cu	IS 3025 Part 2 - 2019	mg/l	0.03
28	Zinc as Zn	IS 3025 Part 2 - 2019	mg/l	0.40
29	Selenium as Se	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.005)
30	Nickel as Ni	IS 3025 Part 2 - 2019	mg/l	0.13
31	Cyanide as CN	IS 3025 Part 27/Sec-1-2021	mg/l	BDL(DL:0.01)
32	Percent Sodium	CML/W/SOP/64	mg/l	65.46
33	Residual Sodium Carbonate	CML/W/SOP/64	meq/l	0.46
34	Total Pesticide Residue	CML/INS/SOP/01 & 03	mg/l	BDL(DL:0.00005)

Abbreviation: NA: Not Applicable, APHA: American Public Health Association, BDL: Below Detection Limit, DL: Detection Limit

.....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. GAJENDIRAN
Senior Chemist
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist. 602 105,
Tamil Nadu, India.

Customer Reference : SRF Dated : 03/06/2026

Laboratory No : Z712459/004

Sample Description : **ETP Outlet Water**

Test Certificate No : CML/26-27/T025582

Test Certificate Date : 12/06/2026

Date of Receipt : 03/06/2026

Analysis Commenced On : 03/06/2026

Analysis Completed On : 09/06/2026

S.No.	Test Parameters	Test Method	Unit	Results	TNPCB Tolerance Limit for Sewage (Max)
Discipline: Chemical				**Group: Pollution & Environment**	
1	Colour	IS 3025 Part 4 - 2021	Hazen	5.0	-
2	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	-	7.67	5.5-9.0
3	Temperature	IS 3025 Part 9 - 2023	°C	27	45°C at the point of discharge
4	Total Dissolved Solids	IS 3025 Part 16 -2023	mg/l	8.26	2100
5	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	BDL(DL:1.0)	100
6	Sulphate as SO_4	IS 3025 Part 24/Sec 1 - 2022 (Turbidity method)	mg/l	1.16	1000
7	Oil & Grease	IS 3025 Part 39:2023	mg/l	BDL(DL:1.0)	10
8	Cadmium as Cd	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.001)	2.0
9	Chemical Oxygen Demand	IS 3025 Part 58:2023	mg/l	BDL(DL:4.0)	250
10	Dissolved Phosphate as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	BDL(DL:0.01	5.0
11	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	BDL(DL:2.0)	30
12	Boron as B	IS 3025 Part 2 - 2019	mg/l	0.15	2.0
13	Sulphide as S	IS 3025 Part 29 - 2022	mg/l	BDL(DL:0.01)	2.0
14	Ammonical Nitrogen as N	IS 3025 Part 34 - 1988 (Titrimetric Method)	mg/l	BDL(DL:1.0)	50
15	Total Kjeldahl Nitrogen as N	IS 3025 Part 34 - 1988 (Macro-Kjeldahl Method)	mg/l	BDL(DL:1.0)	100
16	Phenolic Compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 - 2022	mg/l	BDL(DL:0.0005)	1.0
17	Fluoride as F	APHA 24th Edition 2023 - 4500 - F - B, D	mg/l	BDL(DL:0.1)	2.0
18	Chloride as Cl	IS 3025 Part 32 - 1988 (Argentometric method)	mg/l	2.93	1000
19	Particle size of suspended solids	CML/W/SOP/55	-	Pass the test	Shall pass 850 micron IS Sieve

Continued...

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Test Certificate No : CML/26-27/T025582
Test Certificate Date : 11/06/2026

S.No.	Test Parameters	Test Method	Unit	Results	TNPCB Tolerance Limit for Sewage (Max)
Discipline: Chemical					**Group: Pollution & Environment**
20	Total Residual Chlorine	IS:3025 Part 26:2021	mg/l	BDL(DL:0.1)	1.0
21	Free ammonia as NH_3	IS 3025 Part 34 -1988 (Nesslerization method)	mg/l	BDL(DL:0.01)	5.0
22	Arsenic as As	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	0.2
23	Mercury as Hg	IS:3025 part-65:2022	mg/l	BDL(DL:0.0005)	0.01
24	Lead as Pb	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	0.1
25	Hexavalent Chromium as Cr^{6+}	IS 3025 Part 52 - 2003(Diphenyl carbazide method)	mg/l	BDL(DL:0.02)	0.1
26	Total Chromium as Cr	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	2.0
27	Copper as Cu	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	3.0
28	Zinc as Zn	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	1.0
29	Selenium as Se	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.005)	0.05
30	Nickel as Ni	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	3.0
31	Cyanide as CN	IS:3025 Part 27/Sec-1/2021	mg/l	BDL(DL:0.01)	0.2
32	Percent Sodium	CML/W/SOP/64	mg/l	91.82	-
33	Residual Sodium Carbonate	CML/W/SOP/64	meq/l	(-)0.038	-
34	Total Pesticide Residue	CML/INS/SOP/01 & 03	mg/l	BDL(DL:0.00005)	Absent
Discipline: Biological					**Group: Pollution & Environment**
35	Faecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100ml	<1.0	-

Abbreviation: APHA: American Public Health Association, MPN: Most Probable Number, BDL: Below Detection Limit, DL: Detection Limit, <1.0 MPN/100ml can be taken as "No microbial growth"

.....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
G. ARUNAN
Technical Manager
Authorised Signatory

Reviewed & Authorised by
V. GAJENDIRAN
Laboratory Executive
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712645/013-016	Test Certificate No	: CML/26-27/7024360
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/N&L	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Date of Completion	: 04/06/2026
Test Method	: IS 9989:1981		
Sample Description	: Noise Level Monitoring - Ambient		

S.No.	Location of Sampling (as stated by customer)	Day Time Results dB(A) Leq	Night Time Results dB(A) Leq
Discipline :Chemical		**Group :Atmospheric pollution**	
1	Near Employee Gate	61.8	47.1
2	Near Vendor Gate	60.5	44.7
3	Near Shipping Building	61.6	48.2
4	Near Scrap Yard	58.6	47.8

CPCB Standards for Industrial Area (Maximum) : Day Time 75 dB(A) Leq & Night Time 70 dB(A)
CPCB Standards for Commercial Area (Maximum) : Day Time 65 dB(A) Leq & Night Time 55 dB(A)
CPCB Standards for Residential Area (Maximum) : Day Time 55 dB(A) Leq & Night Time 45 dB(A)

Instrument used for sampling:
Sound Level Meter Instrument ID & Calibration Due Date :CML/ENV/SLM/003 & 29.01.2027
Note: LEQ Equivalent Continuous Sound Pressure Level
Remarks: The values observed for the pollutants given above are within the CPCB Standard

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SKF Dated : 05/06/2026		
Laboratory No	: 2712R18/000-014	Test Certificate No	: CML/26-27/T024455
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/NAL	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Date of Completion	: 06/06/2026
Test Method	: ISO 10847 : 1997		
Sample Description	: Source Noise Monitoring - Insertion Loss		

S.No.	DG Name (as stated by customer)	DG Door Open Noise Level dB(A)	DG Door Close Noise Level dB(A)	RESULTS INSERTION LOSS dB(A)
Discipline: Chemical				**Group: Atmospheric Pollution**
1	DG-1250 KVA-SS-2 (S.No:64)	99.8	74.4	25.4
2	DG-1-750 KVA-SS-4(S.No:45)	100.1	74.3	25.8
3	DG-2-750 KVA-SS-4(S.No:46)	99.9	74.7	25.2
4	DG-1-500 KVA-SS-2(S.No:47)	100.2	74.5	25.7
5	DG-2-500 KVA-SS-2(S.No:48)	100	74.2	25.8
6	DG-3-500 KVA-SS-2(S.No:49)	99.9	74.1	25.8
7	DG-160 KVA-(S.No:50)	100.1	74.6	25.5

Instrument used for sampling:
Sound Level Meter Instrument ID & Calibration Due Date :CML/ENV/SLM/006 & 29.01.2027
Note: As per CPCB standards for Insertion Loss of DG Noise Level is **Minimum 25 dB(A)**
Remarks: The values observed for the pollutants given above are within the CPCB Standard

.....End of Report.....

For Chennai Mettex Lab Private Limited

Digitally signed by V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist. 602 105,
Tamil Nadu, India.

Customer Reference	: WF Dated - 04/06/2026		
Laboratory No	: 2712645/001	Test Certificate No	: CML/26-27/T024352
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [ACE01-ED Paint Shop Component Masking Removal Section(S.No:12)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 0.250 m^2
Stack Velocity : 13.4 m/sec	Stack Volume of Gas Discharged : 9843 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	8.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.9	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/IMR/006 & 20/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 20.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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TC-4956

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VI-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 04/06/2026		
Laboratory No	2712645/002	Test Certificate No	: CML/26-27/7024933
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	06/06/2026	Analysis Commenced On	: 06/06/2026
Date of Receipt	04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	Pre Heat Oven LPG-(S.No:13)		

Stack Details	
Stack Temperature : 62°C	Stack Cross Sectional Area : 0.250 m^2
Stack Velocity : 11.9 m/sec	Stack Volume of Gas Discharged : 9477 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 038 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 038 : 1997	29	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:4.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 038 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.11.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. SELVAKUMAR
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED To: **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712645/003		
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate No	: CML/26-27/T024354
Date of Sampling	: 04/06/2026	Test Certificate Date	: 08/06/2026
Date of Receipt	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Sample Description	: Stack Emission Monitoring	Analysis Completed On	: 05/06/2026
Stack ID	: Baking Oven - LPG (S.No :14)		

Stack Details

Stack Temperature : 72°C | Stack Cross Sectional Area: 0.800 m²
Stack Velocity : 10.8 m/sec | Stack Volume of Gas Discharged : 15389 Nm³/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	7.6	mg/Nm³	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm³	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	25	mg/Nm³	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm³	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/004 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712645/001	Test Certificate No	: CML/26-27/TC24355
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Pre Treatment Hot Water Surface Conditioning(S.No:16)		

Stack Details	
Stack Temperature : 38°C	Stack Cross Sectional Area : 0.503 m^2
Stack Velocity : 10.6 m/sec	Stack Volume of Gas Discharged : 11021 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	NMT:150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL:Below Detection Limit, **DL**:Detection Limit, **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Assistant Administrative Manager
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CML/LAB/F-7.8/1

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712645/005	Test Certificate No	: CML/26-27/TR/4339
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Air Blow Station Vent-(S.No:17)		

Stack Details	
Stack Temperature : 34°C	Stack Gross Sectional Area : 0.360 m^2
Stack Velocity : 10.9 m/sec	Stack Volume of Gas Discharged : 13640 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	7.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	27	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.6)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID &Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712085/008	Test Certificate No	: CML/26-27/2024357
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Dry Off Oven LPG-(S.No:18)		

Stack Details	
Stack Temperature : 58°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 12.1 m/sec	Stack Volume of Gas Discharged : 14116 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.5	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

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For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. SEEVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No: VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 14/06/2026		
Lab/Laboratory No	: 2712645/007	Test Certificate No	: CML/26-27/T024358
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Mixing Room (S.No : 19)		

Stack Details

Stack Temperature : 38°C	Stack Cross Sectional Area : 1.440 m^2
Stack Velocity : 11.1 m/sec	Stack Volume of Gas Discharged : 54848 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	82	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/046 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

Page:1 of 1

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2312643/008	Test Certificate No	: CML/26-27/T024359
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Booth Base Coat-(S.No:20)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 11.8 m/sec	Stack Volume of Gas Discharged : 89849 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.2	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 - 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.3	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/096 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712045/009	Test Certificate No	: CML/21-27/TC24360
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Booth Top Coat-(S.No :21)		

Stack Details

Stack Temperature : 36°C | Stack Cross Sectional Area : 2.269 m^2
Stack Velocity : 10.4 m/sec | Stack Volume of Gas Discharged : 84815 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical					**Group : Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: **BDL**-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TC-4896

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VP-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: ERF Dated : 04/06/2026		
Laboratory No	: 2712645/010	Test Certificate No	: CML/24-27/7024361
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Baking Oven-(S.No-22)		

Stack Details	
Stack Temperature : 112°C	Stack Cross Sectional Area : 0.098 m^2
Stack Velocity : 17.8 m/sec	Stack Volume of Gas Discharged : 2944 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	32	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/12/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB standard.

-----End of Report-----

For Chennai Mettex Lab Private Limited

Technical Manager
V. SELVAKUMAR
Senior Manager
Authorised Signatory

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TC-6888

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No: VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 04/06/2026		
Laboratory No	: 2712685/011	Test Certificate No	: CML/26-27/TR24362
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	: 04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Engine Testing Area(S.no: 23)		

Stack Details

Stack Temperature : 36°C	Stack Cross Sectional Area : 0.320 m^2
Stack Velocity : 18.9 m/sec	Stack Volume of Gas Discharged : 4515 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	7.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide [CO]	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide [CO_2]	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMI/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No: VV/1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 04/06/2026		
Laboratory No	2T12645/012	Test Certificate No	: CML/25-27/T024363
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	04/06/2026	Analysis Commenced On	: 04/06/2026
Date of Receipt	04/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	Vechicle Testing Area Line-B (S.No:29)		

Stack Details	
Stack Temperature : 42°C	Stack Cross Sectional Area : 0.360 m^2
Stack Velocity : 11.3 m/sec	Stack Volume of Gas Discharged : 14513 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	BA	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMS/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VS-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 03/06/2026		
Laboratory No	: 2712448/001	Test Certificate No	: CML/26-27/T024161
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	: 03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACED) - Welding Exhaust Line - 1 (S.No:3)		

Stack Details	
Stack Temperature : 34°C	Stack Cross Sectional Area : 2.7511 m^2
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 98084 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	24	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

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For Chennai Mettex Lab Private Limited

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Technical Manager
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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 03/06/2026		
Laboratory No	: 2712648/002	Test Certificate No	: CML/26-27/T024342
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	: 03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACSD)- Welding Exhaust Line -2 (S.No-4)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 12.2 m/sec	Stack Volume of Gas Discharged : 94455 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical			**Group: Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.0	mg/Nm^3	0MT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:1.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date :CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than.
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

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Technical Manager
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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SEF Dated : 03/06/2026		
Laboratory No	: 2712448/003	Test Certificate No	: CML/26-27/T024343
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	: 03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [ACED] - Welding Exhaust Line - 1 (Stack No-5)		

Stack Details	
Stack Temperature : 28°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 12.8 m/sec	Stack Volume of Gas Discharged : 97200 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	83	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:20)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	27	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:10)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	3.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/EMK/006 & 22/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 20.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

—End of Report—

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CML/ENV/F-5/1

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No: VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	SRF Dated : 03/06/2026		
Laboratory No	2732448/004	Test Certificate No	: CHL/26-27/T024364
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	(AERD): Pretreatment Engineering (S.No :2)		

Stack Details	
Stack Temperature : 30°C	Stack Cross Sectional Area : 0.160 m^2
Stack Velocity : 11.4 m/sec	Stack Volume of Gas Discharged : 6295 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	7.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TC-4886

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Spcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 03/06/2026		
Laboratory No	: 2712448/005	Test Certificate No	: CML/ZL-27/7024345
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	: 03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACSD) : Wet Section Phosphating (S.No:8)		

Stack Details	
Stack Temperature : 34°C	Stack Cross Sectional Area : 0.090 m^2
Stack Velocity : 11.7 m/sec	Stack Volume of Gas Discharged : 3600 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.2	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.3	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/SMI/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/006 & 29.01.2027
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Prepared & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TC-8956

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRP Dated : 03/06/2026		
Laboratory No	2712468/006	Test Certificate No	: CML/26-27/T024346
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	(ACSD)- ID Cooling (S.No 9)		

Stack Details	
Stack Temperature : 35°C	Stack Cross Sectional Area : 0.250 m^2
Stack Velocity : 11.6 m/sec	Stack Volume of Gas Discharged : 10048 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	7.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than)
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

-----End of Report-----

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No: VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 03/06/2026		
Laboratory No	27/24446/007	Test Certificate No	: CML/26-27/T024347
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	: (ACEP): 8Ft Paint Shop Touch Up Booth (S.No:10)		

Stack Details	
Stack Temperature : 30°C	Stack Gross Sectional Area : 0.250 m^2
Stack Velocity : 12.3 m/sec	Stack Volume of Gas Discharged : 10552 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical				**Group : Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.8)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SEKARKUMAR
Technical Manager
Authorised Signatory

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TC-6886

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 02/06/2026		
Laboratory No	: 2712448/008	Test Certificate No	: CML/25-27/T024360
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 03/06/2026
Date of Receipt	: 03/06/2026	Analysis Completed On	: 03/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: IACED1- ED Paint Air Drying Zone - LPG(LHS-1)		

Stack Details	
Stack Temperature : 33°C	Stack Cross Sectional Area : 0.303 m^2
Stack Velocity : 11.0 m/sec	Stack Volume of Gas Discharged : 12575 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB standard.

End of Report

For Chennai Mettex Lab Private Limited

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Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Ranchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 03/06/2026		
Laboratory No	: 2712014/001	Test Certificate No	: CML/26-27/T024448
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	: 05/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1250 KVA-SS-3 (S.No:44)		

Stack Details	
Stack Temperature : 318°C	Stack Diameter : 0.6 m
Stack Velocity : 12.9 m/sec	Stack Volume of Gas Discharged : 6608 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	32.8	mg/Nm^3	NMT 75
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 022 : 1995	284	ppm	NMT 710
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	84	mg/Nm^3	NMT 150
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.6	%	-
7	Non Methane Hydrocarbon	CML/LAB/ENV/SOP/NMHC	30	mg/Nm^3	NMT 100

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/006 & 23.11.2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL: Below Detection Limit; DL: Detection Limit; NMT: Not More Than.
Remarks: The values observed for the pollutants given above are within the CPCB Standard & the results of PM, NOx, CO & NMHC are calculated at 15% Oxygen correction according to CPCB norms.

....End of Report....

For Chennai Mettex Lab Private Limited

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V. SELVA KUMAR
Technical Manager
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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No: YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF dated : 05/06/2026		
Laboratory No	: 27128 I & 002	Test Certificate No	: CML/26-27/TC024495
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	: 05/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1-750 KVA-SS-41(No:43)		

Stack Details	
Stack Temperature : 278°C	Stack Diameter : 0.3 m
Stack Velocity : 13.8 m/sec	Stack Volume of Gas Discharged : 1832 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.098	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 25B : 2017	0.846	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.626	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL 3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 05/06/2026		
Laboratory No	: 2712814/003	Test Certificate No	: CML/26-27/T024450
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	: 05/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-2-750 KVA SS-II(S.No:46)		

Stack Details	
Stack Temperature : 262°C	Stack Diameter : 0.3 m
Stack Velocity : 13.1 m/sec	Stack Volume of Gas Discharged : 1867 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group : Atmospheric Pollution**		
1	Particulate Matter	IS:11255 Part 1 : 1985	0.082	g/kw-hr	NMT 0.7
2	Oxides of Nitrogen + Hydrocarbon [NOx + HC]	USEPA Method CTM - 022 : 1996 & 25B : 2017	0.894	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.617	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL: 5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.1	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/005 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

—End of Report—

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Ilpcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 05/05/2026		
Laboratory No	2712814/004	Test Certificate No	: CML/26-27/T024451
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	05/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	05/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	DG-1-500 KVA-SS-2/5 No.47]		

Stack Details	
Stack Temperature : 246°C	Stack Diameter : 0.25 m
Stack Velocity : 13.8 m/sec	Stack Volume of Gas Discharged : 393 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	0.004	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 2FR : 2017	0.803	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.594	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C - 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	3.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.4	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. BELLIAPPAN
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 05/06/2026		
Laboratory No	: 2712814/005	Test Certificate No	: CML/26-27/7024452
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	: 05/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-2-500 KVA-SS-2[S No:48]		

Stack Details	
Stack Temperature : 237°C	Stack Diameter : 0.25 m
Stack Velocity : 13.3 m/sec	Stack Volume of Gas Discharged : 1364 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.092	g/kw.hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 25B : 2017	0.684	g/kw.hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.570	g/kw.hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL 3.8)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	8.0	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

NOTE : [illegible]

CHENNAI METTEX LAB PRIVATE LIMITED

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. IV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 05/06/2026		
Laboratory No	: 2712814/006	Test Certificate No	: CML/26-27/7054453
Sampling Plan & Procedure	: CML/LAB/ENV/UOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 03/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	: 03/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-3-500 KVA-SS-2 (3.30.49)		

Stack Details	
Stack Temperature : 225°C	Stack Diameter : 0.25 m
Stack Velocity : 12.6 m/sec	Stack Volume of Gas Discharged : 1320 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	0.078	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NO_x + HC)	USEPA Method CTM – 022 : 1995 & 25B : 2017	0.662	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM – 030 : 1997	0.503	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Technical & Authorised By
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 05/06/2026		
Laboratory No	: 2712014/007	Test Certificate No	: CML/26-27/T024454
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 08/06/2026
Date of Sampling	: 05/06/2026	Analysis Commenced On	: 05/06/2026
Date of Receipt	: 05/06/2026	Analysis Completed On	: 08/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-100 KVA- (S.No:50)		

Stack Details	
Stack Temperature : 186°C	Stack Diameter : 0.1 m
Stack Velocity : 13.5 m/sec	Stack Volume of Gas Discharged : 240 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical			**Group : Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	0.086	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 258 : 2017	0.799	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.560	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.5)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	14.4	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/005 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
(Authorised Signatory)

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TEST REPORT

ISSUED TO :
M/s. India Yamaha Motor Private Limited,
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India

Customer Reference	SRF Dated : 13/06/2026		
Laboratory No	2713772/001	Test Certificate No	: CML/26-27/T028108
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	11/06/2026	Analysis Commenced On	: 12/06/2026
Date of Receipt	11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	Stack Emission Monitoring		
Work ID	Boiler - 2 (SNo:31)		

Stack Details	
Stack Temperature : 62°C	Stack Diameter : 0.7 m
Stack Velocity : 10.8 m/sec	Stack Volume of Gas Discharged : 12471 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical			**Group: Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	20.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:4.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	7.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	11.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB standard.

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For Chennai Mettex Lab Private Limited

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Ranchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 2713772/002	Test Certificate No	: CML/26-27/T028409
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment Pre-Washing Machine (S.No:35)		

Stack Details	
Stack Temperature : 84°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 7.1 m/sec	Stack Volume of Gas Discharged : 10400 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	7.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	21	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.3	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 28/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

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For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

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Plot No. VV-1, Sipcot Industrial Park,
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Tamil Nadu, India.

Customer Reference	: SPF Dated - 11/06/2026		
Laboratory No	: 2713772/003	Test Certificate No	: CML/26-27/T038410
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-3-Tempering Furnace (SNo:37)		

Stack Details	
Stack Temperature : 72°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 8.8 m/sec	Stack Volume of Gas Discharged : 13838 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.1	mg/Nm^3	NMT 150.
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	23	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	10.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
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Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 2713772/004	Test Certificate No	: CML/26-27/T028113
Sampling Plan & Procedure	: CML/LAB/ENV/SMP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 18/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-4 Gas Nitriding Furnace (S.No.35)		

Stack Details	
Stack Temperature : 110°C	Stack Diameter: 0.250 m
Stack Velocity : 9.2 m/sec	Stack Volume of Gas Discharged : 1235 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 - 1985	8.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/066 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/008 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Technical & Authorized by
V. DELSHIKOUMAR
Technical Manager
Authorised Signatory

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CML/LAB/ENV/F/01

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
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Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 2713772/065	Test Certificate No	: CML/26-27/T026412
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment Vacuum Washing Machine Annealing (S.no:39)		

Stack Details	
Stack Temperature : 58°C	Stack Diameter : 0.250 m
Stack Velocity : 11.6m/sec	Stack Volume of Gas Discharged : 1040 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	8.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 47/3772/006	Test Certificate No	: CML/26-27/T026413
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-5- Pallet (S No:43)		

Stack Details	
Stack Temperature : 35°C	Stack Cross Sectional Area : 0.360 m^2
Stack Velocity : 8.4 m/sec	Stack Volume of Gas Discharged : 10478 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part I : 1985	83	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.6)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	9.0	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Phone : +91 44 22223163, 22311034, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 2713772/007	Test Certificate No	: CML/26-27/T028414
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Chasis Dyno Testing (S.No:42)		

Stack Details	
Stack Temperature : 37°C	Stack Diameter : 0.150 m
Stack Velocity : 10.4 m/sec	Stack Volume of Gas Discharged : 634 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

.....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

NOTE : [illegible]

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No: YY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SIF Dated : 13/06/2026		
Laboratory No	: 271277J/008	Test Certificate No	: CML/26-27/T018415
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S.No:1)		

Stack Details

Stack Temperature : 34°C | Stack Cross Sectional Area : 0.07 m²
Stack Velocity : 12.8 m/sec | Stack Volume of Gas Discharged : 3017 Nm³/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	5.6	mg/Nm³	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm³	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm³	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm³	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMI/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	SRF Dated : 11/06/2026		
Laboratory No	2713772/009	Test Certificate No	: CML/26-27/T032416
Sampling Plan & Procedure	CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	11/06/2026	Analysis Completed On	: 18/06/2026
Sample Description	Stack Emission Monitoring		
Stack ID	Canteen Exhaust (S.No:6)		

Stack Details	
Stack Temperature : 39°C	Stack Cross Sectional Area : 0.14 m^2
Stack Velocity : 12.6 m/sec	Stack Volume of Gas Discharged : 6092 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 :1985	5.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. SELVAKUMAR
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Page 1 of 1

Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 2713772/010	Test Certificate No	: CML/26-27/TR2B417
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Cafeteria Exhaust (S/No-2)		

Stack Details:

Stack Temperature : 36°C	Stack Cross Sectional Area : 0.07 m^2
Stack Velocity : 12.3 m/sec	Stack Volume of Gas Discharged : 2925 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	52	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	15.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-2, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 11/06/2026		
Laboratory No	: 2713772/011	Test Certificate No	: CML/24-27/T0230410
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 18/06/2026
Date of Sampling	: 11/06/2026	Analysis Commenced On	: 11/06/2026
Date of Receipt	: 11/06/2026	Analysis Completed On	: 16/06/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Gaseous Exhaust (S.No-5)		

Stack Details	
Stack Temperature : 29°C	Stack Cross Sectional Area : 0.09 m^2
Stack Velocity : 12.8 m/sec	Stack Volume of Gas Discharged : 3953 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Units	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	5.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.2	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/006 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/006 & 29/01/2027
Note: BDL: Below Detection Limit, **DL:**Detection Limit, **NMT** Not More Than
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory
V. BELUKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist, 602 105,
Tamil Nadu, India.

Customer Reference : SRF Dated : 03/06/2026

Laboratory No : 2712458/001

Sample Description : STP Inlet Water
(as stated by customer)

Test Certificate No : CML/26-27/T025579

Test Certificate Date : 11/06/2026

Date of Receipt : 03/06/2026

Analysis Commenced On : 03/06/2026

Analysis Completed On : 09/06/2026

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical			**Group: Pollution & Environment**	
1	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	NA	6.27
2	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	268
3	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	296
4	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	582
5	Oil & Grease	IS 3025 Part 39:2021	mg/l	23
6	Ammonical Nitrogen as N	IS 3025 Part 34 -1988 (Titrimetric Method)	mg/l	31.4
7	Total Nitrogen as N	IS 3025 Part 73 - 2021	mg/l	34.68
8	Total Phosphorous as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	8.98
Discipline: Biological			**Group: Pollution & Environment**	
9	Faecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100ml	920

Abbreviation: NA: Not Applicable, APHA: American Public Health Association, MPN: Most Probable Number.

-----End of Report-----

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
D. ARUNATH
Technical Manager
Authorised Signatory

Reviewed & Authorized by
V. GAJENDIRAN
Senior Chemist
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
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Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist Tamil Nadu-602 105 India.

Test Certificate No : CML/26/27/T025380
Test Certificate Date : 11/06/2026
Date of Receipt : 03/06/2026
Customer Reference : SRF Dated : 03/06/2026
Analysis Commenced On : 03/06/2026
Laboratory No : 2712458/001
Analysis Completed On : 09/06/2026
Sample Description : **STP Outlet Water**
(as stated by customer)

S.No	Test Parameters	Test Method	Unit	Results	CPCB Tolerance Limits for Sewage (Max)
Discipline: Chemical					**Group: Pollution & Environment**
1	pH @ 25°C	IS 3025 Part 11 - 2022 (electrometric method)	-	7.58	5.5 - 9.0
2	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	14.0	20
3	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	5.0	10
4	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	34	50
5	Ammoniacal Nitrogen as N	IS 3025 Part 34 -1988 (Titrimetric Method)	mg/l	5.86	-
6	Total Nitrogen as N	IS 3025 Part 73 - 2021	mg/l	8.14	10
Discipline: Biological					**Group: Pollution & Environment**
7	Faecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100ml	94	Less than 100

Abbreviation: APHA: American Public Health Association, MPN: Most Probable Number.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
B. ARUNAN
Technical Manager
Authorised Signatory

Reviewed & Authorised by
V. GAJENDIRAN
Senior Chemist
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/005	Test Certificate No	: CML/26-27/T977349
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 13/07/2026
Date of Sampling	: 06/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Employee Gate
Ambient Temperature : Min 26°C & Max 36°C Relative Humidity : Min 47 % & Max 76 %

S.No	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	64.7	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	31.6	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	6.4	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	23.4	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date :CML/LAB/ENV/RDS/034 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/030 & 19/11/2026
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the parameters given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/000	Test Certificate No	: CML/26-27/7037359
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 13/07/2026
Date of Sampling	: 06/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Vendor Gate
Ambient Temperature : Min 26°C & Max 35°C Relative Humidity : Min 47 % & Max 76 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	60.9	$\mu g/m^3$	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	30.2	$\mu g/m^3$	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 : 2023	7.2	$\mu g/m^3$	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	23.1	$\mu g/m^3$	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	$\mu g/m^3$	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	$\mu g/m^3$	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m^3	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	$\mu g/m^3$	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m^3	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	$\mu g/m^3$	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m^3	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m^3	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date :CML/LAB/ENV/RDS/035 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/027 & 19/11/2026
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/007	Test Certificate No	: CML/26/27/0077301
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 13/07/2026
Date of Sampling	: 06/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Ambient Air Quality Monitoring		

Location of Sampling (as stated by customer) : Near Shipping Building
Ambient Temperature : Min 26°C & Max 36°C Relative Humidity : Min 42 % & Max 76 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline : Chemical					**Group : Atmospheric Pollution**
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	61.2	$\mu g/m^3$	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	29.6	$\mu g/m^3$	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 2023	6.9	$\mu g/m^3$	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.9	$\mu g/m^3$	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	$\mu g/m^3$	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	$\mu g/m^3$	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m^3	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	$\mu g/m^3$	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate (Phase only)	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m^3	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	$\mu g/m^3$	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m^3	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m^3	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/RDS/036 & 18/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date:CML/LAB/ENV/FDS/013 & 19/11/2026
Note: BDL:Below Detection Limit; DL:Detection Limit; NMT:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. Indra Vasudha Motor Private Limited**
Plot No. VV-1, Tipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SIF Dated : 07/07/2026		
Laboratory No	: 2710101/009	Test Certificate No	: CML/26-27/T037352
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/AAQ	Test Certificate Date	: 13/07/2026
Date of Sampling	: 06/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Ambient Air Quality Monitoring		
Location of Sampling (as stated by customer)	: Near Scrap yard		
Ambient Temperature	: Min 26°C & Max 36°C	Relative Humidity	: Min 47 % & Max 75 %

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Standards
Discipline: Chemical				**Group: Atmospheric Pollution**	
1	Particulate Matter (Particle Size less than 10µm) or PM_{10}	IS 5182 Part 23 : 2006	59.6	µg/m³	NMT 100
2	Particulate Matter (Particle Size less than 2.5 µm) or $PM_{2.5}$	IS 5182 Part 24 : 2019	28.7	µg/m³	NMT 60
3	Sulphur dioxide (SO_2)	IS 5182 Part 2/Sec 1 2023	7.3	µg/m³	NMT 80
4	Nitrogen dioxide (NO_2)	IS 5182 Part 6 : 2006	22.6	µg/m³	NMT 80
5	Ammonia (NH_3)	IS 5182 Part 25 : 2018	BDL(DL:20)	µg/m³	NMT 400
6	Ozone (O_3)	IS 5182 Part 9 : 1974	BDL(DL:20)	µg/m³	NMT 180
7	Carbon Monoxide (CO)	IS 5182 Part 10 : 1999	BDL(DL:0.05)	mg/m³	NMT 4
8	Benzene (C_6H_6)	IS 5182 Part 11 : 2006	BDL(DL:1.0)	µg/m³	NMT 5
9	Benzo (a) Pyrene (BaP) Particulate Phase only	IS 5182 Part 12 : 2004	BDL(DL:0.01)	ng/m³	NMT 1
10	Lead (Pb)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:0.1)	µg/m³	NMT 1
11	Nickel (Ni)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 20
12	Arsenic (As)	USEPA Compendium Method IO - 3.4 : 1999	BDL(DL:1.0)	ng/m³	NMT 6

Instrument used for sampling:
Respirable Dust Sampler Instrument ID & Calibration Due Date: CML/LAB/ENV/RDS/037 & 10/11/2026
Fine Dust Sampler Instrument ID & Calibration Due Date: CML/LAB/ENV/FDS/014 & 19/11/2026
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No: VI-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Test Certificate No : CML/26.07/TC/0121
Test Certificate Date : 31/07/2026
Date of Receipt : 02/07/2026

Customer Reference : SRP Dated : 01/07/2026
Analysis Commenced : 02/07/2026
Laboratory No : 2312225/0001
Analysis Completed On : 09/07/2026
Sample Description : **RO Drinking Water**
UCR : **TC52MY26000504737**

Sampling Details : **Sampling Location: India Yamaha Motor, Sampling Method: CML/LAB/MBL/SOP/013, Sampling Date: 02/07/2026 Sampling Done By: Mr. G.Raidas - Chennai Mettex Lab Representative.**

S.No.	Test Parameters	Test Method	Units	Results	Limit as per IS 10500:2012 (Read 2023) With Amendment No: 4 November 2023	
					Acceptable Limit (Max)	Permissible Limit (in the absence of alternate source, Max)
Table 1 : Organoleptic and Physical Parameters						
Discipline (Chemical)						**Group: Water**
1	Colour	IS 3025 Part 4 : 2021	Hazen	Colourless	5	15
2	Odour	IS 3025 Part 5:2018		Agreeable	Agreeable	Agreeable
3	pH at 25°C	IS 3025 Part 11 : 2022 (Electrometric method)	-	6.88	6.5 - 8.5	No Relaxation
4	Turbidity	IS 3025 Part 10 : 2023	NTU	Below 0.5	1.0	5.0
5	Taste	IS 3025 Part 8 : 1984		Agreeable	Agreeable	Agreeable
6	Total Dissolved Solids	IS 3025 : Part 16 : 2023	mg/l	72	500	2000
Table 2 : General Parameters Concerning Substances Undesirable in Excess Amounts						
Discipline (Chemical)						**Group: Water & Routine in Water**
7	Aluminium as Al	IS 3025 part 60 : 2022	mg/l	Below 0.03	0.03	0.2
8	Ammonia - (as total ammonia-N)	IS 3025 Part 34 : 1988 (Reaffirmed 2019) (Nesslerization method)	mg/l	Below 0.1	0.5	No Relaxation
9	Anionic surface active agents (as MBAS)	IS 13428 Part 6B : 2019	mg/l	Below 0.01	0.2	1.0
10	Barium as Ba	IS 3025 part 65 : 2022	mg/l	Below 0.01	0.7	No Relaxation
11	Boron as B		mg/l	Below 0.1	0.5	2.4
12	Calcium as Ca	IS 3025 Part 40 : 1991 (2017) (Titrimetric method)	mg/l	20	75	200
13	Chloramines as Cl_2	APHA 24th Edition 2023 : 4500 Cl G	mg/l	Below 0.1	4.0	No Relaxation
14	Chloride as Cl	IS 3025 Part 32 : 1988 (Argentometric Method)	mg/l	16	250	1000
15	Copper as Cu	IS 3025 part 65 : 2022	mg/l	Below 0.02	0.05	1.5
16	Fluoride as F	APHA 24th Edition 2023 : 4500 - F C	mg/l	Below 0.1	1.0	1.5
17	Residual Free Chlorine	IS 3025 Part 26:2021	mg/l	Below 0.1	0.2 (Min)	1.0 (Min)
18	Iron as Fe	IS 3025 Part 53 : 2003 (Fe 2+ phenanthroline method)	mg/l	Below 0.05	1.0	No Relaxation
19	Magnesium as Mg	IS 3025 Part 46 : 2023	mg/l	Below 0.1	30	100
20	Manganese as Mn	IS 3025 part 59 : 2022	mg/l	Below 0.02	0.1	0.3
21	Mineral Oil	IS 3025 Part 39 : 2021	mg/l	Below 0.5	0.5	No Relaxation

Continued...

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Test Certificate No: CML/24-27/TC/0823
Test Certificate Date: 16/07/2024
Page 1 of 3
ULR: TC558924000005281C3F

S.No.	Test Parameter	Test Method	Units	Results	Limit as per IS 10500:2012 [Reaff:2023] With Amendment No. 1 November 2023	
					Acceptable Limit [Max.]	Permissible Limit in the absence of alternate source [Max.]
Discipline: Chemical						**Group: Water & Residues in Water**
33	Phenolic compounds as C6H5OH	IS 3025 Part 43 (Sec 1 : 2022	mg/l	BDL (DL: 0.0005)	0.001	0.002
34	Cadmium as Cd	IS 3025 (part 41) : 2023	mg/l	BDL (DL: 0.003)	0.003	No Relaxation
35	Lead as Pb		mg/l	BDL (DL: 0.005)	0.01	No Relaxation
36	Sulphate as SO4	IS 3025 Part 24 (Sec 1 : 2022	mg/l	48 (DL: 1)	200	400
37	Nitrate as NO3	APHA 24th Edition, 2023 - 4500 NO3 B	mg/l	BDL (DL: 1)	45	No Relaxation
38	Iron as Fe	IS 3025 Part 53 : 2022	mg/l	BDL (DL: 0.01)	0.05	No Relaxation
39	Zinc as Zn	IS 3025 Part 49 : 2021	mg/l	0.4	5.0	15.0
40	Total Hardness as CaCO3	IS 3025 Part 21 : 2009 (RA 2014) [Titrimetric method]	mg/l	210	200	600
41	Zinc as Zn	IS 3025 part 49 : 2021	mg/l	BDL (DL: 0.01)	5.0	15

Table 1: Parameters Concerning Toxic Substances

Discipline: Chemical						**Group: Water & Residues in Water**
42	Cadmium as Cd	IS 3025 part 41 : 2023	mg/l	BDL (DL: 0.003)	0.003	No Relaxation
43	Cyanide as CN	IS 3025 Part 27/Sec 1 : 2021 [colorimetric method]	mg/l	BDL (DL: 0.002)	0.05	No Relaxation
44	Lead as Pb	IS 3025 part 47 : 2022	mg/l	BDL (DL: 0.005)	0.01	No Relaxation
45	Mercury as Hg	IS 3025 part 48 : 2022	mg/l	BDL (DL: 0.0006)	0.001	No Relaxation
46	Molybdenum as Mo	IS 3025 part 51 : 2022	mg/l	BDL (DL: 0.07)	0.07	No Relaxation
47	Nickel as Ni		mg/l	BDL (DL: 0.02)	0.02	No Relaxation
48	Poly Chlorinated Biphenyls - [PCB]	APHA 24th Edition 2023 - 6630	mg/l	Nil (DL: 0.0001)	0.0005	No Relaxation
49	Poly Nuclear Aromatic Hydrocarbons (PAH)	APHA 24th Edition 2023 - 6440	mg/l	Nil (DL: 0.00001)	0.0001	No Relaxation
50	Total Arsenic as As	IS 3025 part 37 : 2022	mg/l	BDL (DL: 0.005)	0.01	No Relaxation
51	Total Chromium as Cr		mg/l	BDL (DL: 0.02)	0.05	No Relaxation
Pesticides/Insecticides						
52	Aluminium	APHA 24th Edition 2023 - 3125	mg/l	BDL (DL: 0.01)	0.2	No Relaxation
53	Dichlorodiphenyltrichloroethane		mg/l	BDL (DL: 0.001)	0.1	No Relaxation
54	Beta-Hexachlorocyclohexane		mg/l	BDL (DL: 0.0001)	0.04	No Relaxation
55	Chlorothalonil		mg/l	BDL (DL: 0.0001)	0.03	No Relaxation
56	Endosulfan as a	IS 3025 part 45 : 2022	mg/l	BDL (DL: 0.001)	0.01	No Relaxation

Table 2: Pesticide Residues Limits

Discipline: Chemical						**Group: Water & Residues in Water**
57	Alachlor	USEPA 525.2	mg/l	BDL (DL: 0.01)	-	0.02
58	Atrazine	USEPA 8141 A	mg/l	BDL (DL: 0.01)	-	0.04
59	Alpha HCH	USEPA 525.2	mg/l	BDL (DL: 0.01)	-	0.01
60	Dieldrin		mg/l	BDL (DL: 0.01)	-	0.03
61	Alpha HCH	USEPA 3510	mg/l	BDL (DL: 0.01)	-	0.01
62	Beta HCH		mg/l	BDL (DL: 0.01)	-	0.04
63	Butachlor	USEPA 8141 A	mg/l	BDL (DL: 0.01)	-	125

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CML/MR/F/01

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Test Certificate No : CML/24-27/1838529
Test Certificate Date : 16/07/2026 ULR : TC538036000C589738

S.No	Test Parameters	Test Method	Units	Results	Limit as per IS 10500:2012 [Rev.2012] With Amendment No. 4 November 2021	
					Acceptable Limit (Max)	Permissible Limit in the absence of alternate source (Max)
Precipitate (Chemical)						**Group: Water & Problems in Water**
53	Chlorpyrifos	USEPA 525.2r	µg/l	Not Detected [DL: 0.03]	-	30
54	Delta - BHC (HCH)	USEPA 508.1	µg/l	Not Detected [DL: 0.04]	-	0.04
55	2, 4-Dichlorophenoxy Acetic Acid	USEPA 515.4	µg/l	Not Detected [DL: 0.001]	-	50
56	o,p' - DDT	USEPA 508.1	µg/l	Not Detected [DL: 0.01]	-	1.0
57	p,p' - DDD		µg/l	Not Detected [DL: 0.01]	-	1.0
58	o,p' - DDE		µg/l	Not Detected [DL: 0.01]	-	1.0
59	p,p' - DDE		µg/l	Not Detected [DL: 0.01]	-	1.0
60	o,p' - DDD		µg/l	Not Detected [DL: 0.01]	-	1.0
61	p,p' - DDT		µg/l	Not Detected [DL: 0.01]	-	1.0
62	Alpha - Endosulfan		µg/l	Not Detected [DL: 0.01]	-	0.4
63	Beta - Endosulfan		µg/l	Not Detected [DL: 0.01]	-	0.4
64	Endosulfan sulphate		µg/l	Not Detected [DL: 0.01]	-	0.4
65	Diuron	USEPA 1627A	µg/l	Not Detected [DL: 0.01]	-	2.0
66	Gamma HCH (Lindane)	USEPA 508.1	µg/l	Not Detected [DL: 0.01]	-	2.0
67	Isoproturon	USEPA 532	µg/l	Not Detected [DL: 0.01]	-	9.0
68	Malathion	USEPA 614.1	µg/l	Not Detected [DL: 0.01]	-	190
69	Methoxychlor		mg/l	Not Detected [DL: 0.001]	-	0.3
70	Monocrotophos		mg/l	Not Detected [DL: 0.01]	-	1.0
71	Phorate		µg/l	Not Detected [DL: 0.01]	-	2.0
Table 6 : Bacteriological Quality of Drinking Water						
Precipitate (Biological)						**Group: Water**
72	Escherichia coli	IS 15185 : 2016 (Part 3)	-	Absent (100 ml)	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample
73	Total Coliform		-	Absent (100 ml)	Shall not be detectable in any 100ml sample	Shall not be detectable in any 100ml sample

Note: The above water sample complies with acceptable limits of drinking water specifications as per IS 10500:2012, Rev. 2012, With Amendment No. 4 dated 14th November 2023 with respect to above parameters tested. (*) is applicable only when water is chlorinated.
Abbreviations: ND - Below Detection Limit; (-) - Not Specified; MPN - Most Probable Number.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
G.S. RADHA
Technical Manager
Authorised Signatory

Reviewed & Authorised by
P. KAVITHA
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717225/001	Test Certificate No	: CML/26-27/T034930
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Work ID	: IACRD/- Welding Exhaust Line-1 (Stack-1)		

Stack Details	
Stack Temperature : 38°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 12.1 m/sec	Stack Volume of Gas Discharged : 93420 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	25	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C - 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 28/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised By
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TC-5388

TEST REPORT

ISSUED TO : **M/s India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717220/002	Test Certificate No	: CML/26-27/T038934
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACEF)- Welding Exhaust Line -2 (S.No:6)		

Stack Details	
Stack Temperature : 35°C	Stack Cross Sectional Area : 2.250 m^2
Stack Velocity : 11.8 m/sec	Stack Volume of Gas Discharged : 91991 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	6.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	18	%	-

Instrument used for sampling
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/008 & 22/12/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
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Vallam Vadagal Village, Sriperumbudur Taluk,
Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717225/001	Test Certificate No	: CML/26-27/T034932
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACED)- Welding Exhaust Line - 1 (1No.)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 2.258 m^2
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 96356 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	7.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	24	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717225/004	Test Certificate No	: CML/26-27/T034933
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACID)- Pretreatment Degreasing(S.No:7)		

Stack Details	
Stack Temperature : 38°C	Stack Cross Sectional Area : 0.160 m^2
Stack Velocity : 13.2 m/sec	Stack Volume of Gas Discharged : 6149 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group : Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	7.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.6)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717225/005	Test Certificate No	: CML/26-27/T036038
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [ACID]- Wet Section Phosphating [S.No:8]		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 0.090 m^2
Stack Velocity : 13.9 m/sec	Stack Volume of Gas Discharged : 3699 Nm^3/hr

S.No:	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS:11255 Part-1 : 1985	BA	mg/Nm^3	NMT:150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 020 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. YY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717225/006	Test Complaint No	: CML/26/27/7034925
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACH)- FD Cooling (5.5kw*)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 0.250 m²
Stack Velocity : 11.6 m/sec	Stack Volume of Gas Discharged : 9811 Nm³/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1.	Particulate Matter	IS:11255 Part 1; 1985	7.6	mg/Nm³	NMT 150
2.	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm³	-
3.	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm³	-
4.	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm³	-
5.	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6.	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Checked & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Ilpost Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory No	: 2717225/007	Test Certificate No	: CML/26-27/T034936
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACED) - ED Paint Shop Touch Up Booth (ASN-1D)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 0.358 m^2
Stack Velocity : 12.6 m/sec	Stack Volume of Gas Discharged : 16873.8 m^3/hr

Sl.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	83	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

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Technical Manager
Authorised Signatory

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Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 02/07/2026		
Laboratory Ref	: 2717225/008	Test Certificate No	: CML/26-27/T034933
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 02/07/2026	Analysis Commenced On	: 02/07/2026
Date of Receipt	: 02/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: [ACED]- ED Paint Air Drying Zone - LPG(S.No:11)		

Stack Details	
Stack Temperature : 35°C	Stack Cross Sectional Area : 0.303 m^2
Stack Velocity : 12.2 m/sec	Stack Volume of Gas Discharged : 13000 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.8	mg/Nm^3	Not Less Than 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: **BDL**:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorized By
V. SELVAKUMARAN
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India

Customers Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2717279/001	Test Certificate No	: CML/26-27/TC04945
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1250 KVA-SS-1 (S.No:44)		

Stack Details	
Stack Temperature : 307°C	Stack Diameter : 0.6 m
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 6469 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical					**Group: Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	31.6	mg/Nm^3	NMT 75
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 022 : 1995	278	ppm	NMT 710
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	87	mg/Nm^3	NMT 150
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.9	%	-
7	Non Methane Hydrocarbon	CML/LAB/ENV/SOP/NMHC	31	mg/Nm^3	NMT 100

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/003 & 23.11.2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; DL: Detection Limit; NMT: Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard & the results of PM, NOx, CO & NMHC are calculated at 15% Oxygen correction according to CPCB norms.

----End of Report----

For Chennai Mettex Lab Private Limited

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V. BALAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2717379/003	Test Certificate No	: CML/26-27/T038969
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1-750 KVA-SS-4(S.No:45)		

Stack Details	
Stack Temperature : 289°C	Stack Diameter : 0.3 m
Stack Velocity : 13.3 m/sec	Stack Volume of Gas Discharged : 3754 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	0.091	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 259 : 2017	0.967	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.607	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

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Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2717379/003	Test Certificate No	: CML/26-27/T034945
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-2-750 KVA SS-4(S.No:48)		

Stack Details	
Stack Temperature : 277°C	Stack Diameter : 0.3 m
Stack Velocity : 13.8 m/sec	Stack Volume of Gas Discharged : 1895 Nm³/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.087	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1985 & 25B : 2017	0.925	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.662	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm³	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	15.4	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than.
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

.....End of Report.....

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

NOTE: [illegible]

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Tamil Nadu, India

Customer Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2713379/004	Test Certificate No	: CML/26-27/7054966
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-1-500 KVA-SE-215 Nos(47)		

Stack Details	
Stack Temperature : 259°C	Stack Diameter : 0.25 m
Stack Velocity : 12.7 m/sec	Stack Volume of Gas Discharged : 1224 Nm^3/Hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical			**Group : Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	0.002	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CFR - 92 : 1999 & ISR : 2017	0.847	g/kw-hr	NMT 4.0
3	Carbon Monoxide (CO)	USEPA Method CFR - 030 : 1997	0.621	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	3.7	%	-
6	Oxygen (O_2)	USEPA Method CFR - 030 : 1997	13.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 25/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/001 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

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TEST REPORT

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Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2747379/005	Test Certificate No	: CML/26 27/TC34947
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-2-500 KVA-SS-2(S No:48)		

Stack Details	
Stack Temperature : 241°C	Stack Diameter : 0.25 m
Stack Velocity : 12.9 m/sec	Stack Volume of Gas Discharged : 1319 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical			**Group : Atmospheric Pollution**		
1.	Particulate Matter	IS 11255 Part 1 : 1985	0.084	g/kw-hr	NMT 0.2
2.	Oxides of Nitrogen + Hydrocarbon (NO_x + HC)	USEPA Method CTM - 022 : 1995 & 258 : 2017	0.750	g/kw-hr	NMT 4.0
3.	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.507	g/kw-hr	NMT 3.5
4.	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:4.0)	mg/Nm^3	-
5.	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	4.3	%	-
6.	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.6	%	-

Instrument used for sampling :
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/SMK/003 & 21/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date : CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Signed & Authorised by
V. BALAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2717179/026	Test Certificate No	: CML/26-27/T034948
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-3-500 KVA-SS-2(S No:49)		

Stack Details	
Stack Temperature : 236°C	Stack Diameter : 0.25 m
Stack Velocity : 12.4 m/Sec	Stack Volume of Gas Discharged : 1273 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical			**Group: Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	0.082	g/Kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon (NOx + HC)	USEPA Method CTM - 022 : 1995 & 298 : 2017	0.498	g/Kw-hr	NMT 4.9
3	Carbon Monoxide (CO)	USEPA Method CTM - 030 : 1997	0.536	g/Kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	6.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.4	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Name Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

NOTE: ... Chennai Mettex Lab Private Limited ...

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Tamil Nadu, India.

Customer Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2737379/007	Test Certificate No	: CML/26-27/7034949
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 07/07/2026
Date of Sampling	: 03/07/2026	Analysis Commenced On	: 03/07/2026
Date of Receipt	: 03/07/2026	Analysis Completed On	: 07/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: DG-100 KVA (S.No 50)		

Stack Details	
Stack Temperature : 193°C	Stack Diameter : 0.1 m
Stack Velocity : 13.4 m/sec	Stack Volume of Gas Discharged : 241 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.889	g/kw-hr	NMT 0.2
2	Oxides of Nitrogen + Hydrocarbon [NOx + HC]	USEPA Method CTM - 022 : 1995 & 258 : 2017	0.803	g/kw-hr	NMT 4.0
3	Carbon Monoxide [CO]	USEPA Method CTM - 030 : 1997	0.573	g/kw-hr	NMT 3.5
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	5.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	14.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMR/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

.....End of Report.....

For Chennai Mettex Lab Private Limited

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Technical Manager
Authorised Signatory

NOTE: [illegible]

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Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718161/009	Test Certificate No	: CML/26-27/033353
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK/	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: (ACED)-ED Paint Shop Compressor Misting Removal Section(S.No:139		

Stack Details	
Stack Temperature : 30°C	Stack Cross Sectional Area : 0.25 m^2
Stack Velocity : 11.9 m/sec	Stack Volume of Gas Discharged : 10200 Nm^3/hr.

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 038 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL: 1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the analysants given above are within the CPCB Standard

-----End of Report-----

For Chennai Mettex Lab Private Limited

Technical & Authorised By
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Email : lab@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Ekpot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kancheepuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/010	Test Certificate No	: CML/26-27/T0/07354
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Pre Heat Oven LPG-(1No:13)		

Stack Details	
Stack Temperature : 69°C	Stack Cross Sectional Area : 0.25 m^2
Stack Velocity : 11.5 m/sec	Stack Volume of Gas Discharged : 9104 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group : Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	83	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL-2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	24	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL-3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	8.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	13.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. SELVAKUMAR
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/011	Test Certificate No	: CML/26-27/7037355
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Boiling Oven - LPG (S.No : 14)		

Stack Details	
Stack Temperature : 60°C	Stack Cross Sectional Area : 0.49 m^2
Stack Velocity : 10.4 m/sec	Stack Volume of Gas Discharged : 13988 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	7.0	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	22	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027

Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Prepared & Authorised by
V. SELVAM (M&AR)
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: S&F Dated : 07/07/2026		
Laboratory No	: 2718101/012	Test Certificate No	: CML/26-27/7037356
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Pre Treatment Hot Water Surface Conditioning(S.No:16)		

Stack Details	
Stack Temperature : 42°C	Stack Cross Sectional Area : 0.303 m^2
Stack Velocity : 10.6 m/sec	Stack Volume of Gas Discharged : 18881 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	0.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
National Manager
Authorised Signatory

NOTE: [illegible]

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2710101/013	Test Certificate No	: CML/26-27/T007357
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Air Blow Station Vent-(STA-17)		

Stack Details

Stack Temperature : 36°C | Stack Cross Sectional Area : 0.36 m^2
Stack Velocity : 10.3 m/sec | Stack Volume of Gas Discharged : 12806 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 :1985	7.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	23	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; DL:Detection Limit; NMT:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Spcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 01/07/2026		
Laboratory No.	: 2710101/014	Test Certificate No	: CML/26-27/T033398
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Dry Off Oven LPG-(S.No:18)		

Stack Details	
Stack Temperature : 62°C	Stack Cross Sectional Area : 0.49 m^2
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 19256 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group : Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part I : 1985	9.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM – 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised By
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Email : test@mettexlab.com | Web : www.mettexlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Special Industrial Park,
Vallam Vadagal Village, Irrungattukottai Taluk,
Kanchipuram Dist 602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2710101/015	Test Certificate No	: CML/26-27/T032359
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Mixing Room (S.No : 19)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 1.44 m^2
Stack Velocity : 11.8 m/sec	Stack Volume of Gas Discharged : 56187 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS:11255 Part 1 : 1985	8.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.9	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.6	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/015	Test Certificate No	: CML/26-27/T057350
Sampling Plan & Procedure	: CML/LAB/ENV/SRF/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Booth Base Coat (S.No 20)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 2.25 m^2
Stack Velocity : 11.2 m/sec	Stack Volume of Gas Discharged : 87031 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	46	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 026 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SRK/005 & 25/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718161/017	Test Certificate No	: CML/26-27/T037361
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Paint Booth Top Coat (S.No :31)		

Stack Details	
Stack Temperature : 38°C	Stack Cross Sectional Area : 2.25 m^2
Stack Velocity : 10.8 m/sec	Stack Volume of Gas Discharged : 81382 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part-I : 1985	9.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 029 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/12/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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CHENNAI METTEX LAB PRIVATE LIMITED

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Phone: +91 44 22323163, 2231 1036, 42179490, 42179491 | CIN : U74999TN2008PTC069459
Email : lab@mettechlab.com | Web : www.mettechlab.com

TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/018	Test Certificate No	: CML/26-27/7033962
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Baking Oven (S.No:22)		

Stack Details	
Stack Temperature : 106°C	Stack Cross Sectional Area : 0.09 m^2
Stack Velocity : 3.1 m/sec	Stack Volume of Gas Discharged : 2940 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical				**Group: Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	93	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	25	mg/Nm^3	-
4	Sulphur dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 23.01.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. YV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2726101/018	Test Certificate No	: CML/26-27/T037863
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Engine Testing Area(Stack: 23)		

Stack Details	
Stack Temperature : 38°C	Stack Cross Sectional Area : 0.12 m^2
Stack Velocity : 13.4 m/sec	Stack Volume of Gas Discharged : 4694 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group : Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:5.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2718101/020	Test Certificate No	: CML/26-27/T037364
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 07/07/2026	Analysis Commenced On	: 07/07/2026
Date of Receipt	: 07/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Vechicle Testing Area Line-'B' [S.No:29]		

Stack Details	
Stack Temperature : 44°C	Stack Cross Sectional Area : 0.36 m^2
Stack Velocity : 12.5 m/sec	Stack Volume of Gas Discharged : 14664 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	8.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date:CML/LAB/ENV/SMK/003 & 23/12/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
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Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SEP Dated : 08/07/2026		
Laboratory No	: 2718200/001	Test Certificate No	: CML/20-27/T037448
Sampling Plan & Procedure	: CML/LAB/ENV/EOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment Pre-Washing Machine (R.No.35)		

Stack Details	
Stack Temperature : 87°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 7.6 m/sec	Stack Volume of Gas Discharged : 11039 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	6.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	26	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/008 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:**Detection Limit; **NMT:**Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

.....End of Report.....

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SEKVA KUMAR
Technical Manager
Authorised Signatory

NOTE: [illegible]

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Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2710280/002	Test Certificate No	: CML/26-27/7037449
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-3-Tempering Furnace (S.No:17)		

Stack Details	
Stack Temperature : 76°C	Stack Cross Sectional Area : 0.490 m^2
Stack Velocity : 8.8 m/sec	Stack Volume of Gas Discharged : 12566 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	9.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	22	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

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For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. ARUNKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2713/280/003	Test Certificate No	: CML/26-27/TR/0743/D
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment-4-Gas Nitriding Furnace (S.NO:38)		

Stack Details	
Stack Temperature : 113°C	Stack Diameter : 0.250 m
Stack Velocity : 0.9 m/sec	Stack Volume of Gas Discharged : 1218 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline: Chemical			**Group: Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL: 2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL: 1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL: 3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.3	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.2	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date : CML/LAB/ENV/FGA/003 & 20.01.2027
Note: BDL: Below Detection Limit; **DL**: Detection Limit; **NMT**: Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

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Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2710280/004	Test Certificate No	: CML/26-27/7037451
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 12/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment Vacuum Washing Machine Annealing [S.no:39]		

Stack Details	
Stack Temperature : 62°C	Stack Diameter : 0.250 m
Stack Velocity : 13.1 m/sec	Stack Volume of Gas Discharged : 1747 Nm^3/hr

S.No	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	8.6	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.5	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.0	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 27/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027

Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

----End of Report----

For Chennai Mettex Lab Private Limited

Technical Manager
Authorised Signatory

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Plot No. VY-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRP Dated : 08/07/2026		
Laboratory No	: 2718280/005	Test Certificate No	: CML/26-27/T037452
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Heat Treatment - 5 - Pallet (550 kg)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 0.360 m^2
Stack Velocity : 8.6 m/sec	Stack Volume of Gas Discharged : 11658 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	6.8	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

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V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SEP Dated : 08/07/2026		
Laboratory No	: 2710280/006	Test Certificate No	: CML/26-27/T037433
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S.No : 01)		

Stack Details	
Stack Temperature : 36°C	Stack Cross Sectional Area : 0.07 m^2
Stack Velocity : 12.2 m/sec	Stack Volume of Gas Discharged : 2949 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline : Chemical				**Group : Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	6.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.7	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. BELAKUMARAN
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2718280/007	Test Certificate No	: CML/26-27/T037453
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S.No :07)		

Stack Details	
Stack Temperature : 37°C	Stack Cross Sectional Area : 0.07 m^2
Stack Velocity : 11.8 m/sec	Stack Volume of Gas Discharged : 2825 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 : 1985	5.4	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:2.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2718280/008	Test Certificate No	: CML/25-27/T037455
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S.No :04)		

Stack Details	
Stack Temperature : 38°C	Stack Cross Sectional Area : 0.14 m^2
Stack Velocity : 12.4 m/sec	Stack Volume of Gas Discharged : 5457 Nm^3/hr

S.No:	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical					**Group :Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	5.9	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.4	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	20.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL-Below Detection Limit; **DL**-Detection Limit; **NMT**-Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO: **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2710280/009	Test Certificate No	: CML/26-27/TRN/466
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Canteen Exhaust (S.No : 05)		

Stack Details

Stack Temperature : 37°C | Stack Cross Sectional Area : 0.09 m^2
Stack Velocity : 12.6 m/sec | Stack Volume of Gas Discharged : 3954 Nm^3/hr.

S.No.	Test Parameters	Test Method	Results	Unit	CPCB : Limits
Discipline : Chemical					**Group : Atmospheric Pollution**
1	Particulate Matter	IS 11255 Part 1 : 1985	64	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method ITM - 030 : 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2017	0.7	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	19.8	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date: CML/LAB/ENV/SMK/003 & 25/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL: Below Detection Limit; **DL:** Detection Limit; **NMT:** Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Approved by
V. SELVAKUMAR
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO: **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Lab/Estimate No	: 2718280/110	Test Certificate No	: CML/26-27/T057457
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/STACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 09/07/2026	Analysis Commenced On	: 09/07/2026
Date of Receipt	: 09/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Boiler - 2 (S.No 31)		

Stack Details	
Stack Temperature : 86°C	Stack Diameter : 0.7 m
Stack Velocity : 10.2 m/sec	Stack Volume of Gas Discharged : 11713 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical			**Group :Atmospheric Pollution**		
1	Particulate Matter	IS 11255 Part 1 : 1985	184	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NO_x)	USEPA Method CTM - 030 : 1997	BDL(DL:3.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 : 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2019	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A : 2019	6.8	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 : 1997	12.1	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date : CML/LAB/ENV/SMK/003 & 23/11/2026
Flue Gas Analyzer Instrument ID & Calibration Due Date: CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

----End of Report----

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
V. BELLIAPPAN
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. Isuzu Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 08/07/2026		
Laboratory No	: 2718280/011	Test Certificate No	: CML/26-27/T037458
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/sTACK	Test Certificate Date	: 13/07/2026
Date of Sampling	: 08/07/2026	Analysis Commenced On	: 08/07/2026
Date of Receipt	: 08/07/2026	Analysis Completed On	: 13/07/2026
Sample Description	: Stack Emission Monitoring		
Stack ID	: Chasis Dyno Testing (S.No:42)		

Stack Details	
Stack Temperature : 34°C	Stack Diameter : 0.150 m
Stack Velocity : 10.5 m/sec	Stack Volume of Gas Discharged : 6.2 Nm^3/hr

S.No.	Test Parameters	Test Method	Results	Unit	CPCB Limits
Discipline :Chemical				**Group :Atmospheric Pollution**	
1	Particulate Matter	IS 11255 Part 1 - 1985	9.1	mg/Nm^3	NMT 150
2	Oxides of Nitrogen (NOx)	USEPA Method CTM - 030 - 1997	BDL(DL:2.0)	mg/Nm^3	-
3	Carbon monoxide (CO)	USEPA Method CTM - 030 - 1997	BDL(DL:1.0)	mg/Nm^3	-
4	Sulphur Dioxide (SO_2)	USEPA Method 6C : 2017	BDL(DL:3.0)	mg/Nm^3	-
5	Carbon Dioxide (CO_2)	USEPA Method 3A - 2017	0.6	%	-
6	Oxygen (O_2)	USEPA Method CTM - 030 - 1997	18.9	%	-

Instrument used for sampling:
Stack Monitoring Instrument ID & Calibration Due Date :CML/LAB/ENV/SMK/003 & 25/11/2026
Flue Gas Analyser Instrument ID & Calibration Due Date:CML/LAB/ENV/FGA/003 & 29.01.2027
Note: BDL:Below Detection Limit; **DL**:Detection Limit; **NMT**:Not More Than;
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

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V. BALASUBRAMANI
Technical Manager
Authorised Signatory

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TEST REPORT

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Plot No. VV-1, Sipcot Industrial Park,
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Kanchipuram Dist. 602 105.
Tamil Nadu, India.

Test Certificate No : CML/Ch-27/TH88522
Test Certificate Date : 16/07/2024
Date of Receipt : 03/07/2024
Analysis Commenced On : 03/07/2024
Analysis Completed On : 10/07/2024

Customer Reference : SRF Dated : 02/07/2024.
Laboratory No : 2537228/003
Sample Description : **ETP Inlet Water**

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical		**Group: Pollution & Environment**		
1	Colour (by Visual)	IS 3025 Part 4 - 2023	Hazen	Black
2	pH at 25°C	IS 3025 Part 11 - 2022 (Electrometric method)	pH	6.63
3	Temperature	IS 3025 Part 9 /2023	°C	27
4	Total Dissolved Solids	IS 3025 Part 16 -2023	mg/l	372
5	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	204
6	Sulphate as SO_4	IS 3025 Part 24/Sec 1 - 2023 (Turbidity method)	mg/l	42
7	Oil & Grease	IS 3025 Part 39 2023	mg/l	17
8	Cadmium as Cd	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.003)
9	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	512
10	Dissolved Phosphate as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	27.6
11	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	176
12	Boron as B	IS 3025 Part 2 - 2019	mg/l	0.14
13	Sulphide as S	IS 3025 Part 29 - 2022	mg/l	BDL(DL:1.0)
14	Ammonical Nitrogen as N	IS 3025 Part 34 - 1988 (Titrimetric Method)	mg/l	5.90
15	Total Kjeldahl Nitrogen as N	IS 3025 Part 34 - 1988 (Macro Kjeldahl Method)	mg/l	6.80
16	Phenolic Compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 - 2022	mg/l	BDL(DL:0.0005)
17	Fluoride as F	APHA 24th Edition 2023 - 4500 - F - B,D	mg/l	0.81
18	Chloride as Cl	IS 3025 Part 32 - 1988 (Argentometric method)	mg/l	44
19	Particle size of suspended solids	CML/W/SOP/55	NA	Pass the test
20	Total Residual Free Chlorine	IS 3025 Part 26/2021	mg/l	BDL(DL:0.1)
21	Free ammonia as NH_3	IS 3025 Part 34 - 1988 (Nesslerization method)	mg/l	0.41

Continued...

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Test Certificate No : CML/26-27/T038823
Test Certificate Date : 10/07/2026

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical		Group: Pollution & Environment		
22	Arsenic as As	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)
23	Mercury as Hg	IS 3025 part-65: 2022	mg/l	BDL(DL:0.0005)
24	Lead as Pb	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)
25	Hexavalent Chromium as Cr^{6+}	IS 3025 Part 52 - 2003(Reviewed) cellulose method	mg/l	BDL(DL:0.02)
26	Total Chromium as Cr	IS 3025 Part 2 - 2019	mg/l	0.07
27	Copper as Cu	IS 3025 Part 2 - 2019	mg/l	0.05
28	Zinc as Zn	IS 3025 Part 2 - 2019	mg/l	0.74
29	Selenium as Se	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.005)
30	Nickel as Ni	IS 3025 Part 2 - 2019	mg/l	0.03
31	Cyanide as CN	IS 3025 Part 27/Sec 1:2021	mg/l	BDL(DL:0.01)
32	Percent Sodium	CML/W/SOP/64	%	69.20
33	Residual Sodium Carbonate	CML/W/SOP/64	meq/l	9.294
34	Total Pesticide Residue	CML/ONS/SOP/01 & 03	mg/l	BDL(DL:0.00005)

Abbreviations: NA: Not Applicable, APHA: American Public Health Association, BDL: Below Detection Limit, DL: Detection Limit

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorised By
R. RAVITHA
Technical Manager
Authorised Signatory

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TC 4900

TEST REPORT

ISSUED TO: **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Test Certificate No: CHL/26-27/0108924
Test Certificate Date: 16/07/2026
Date of Receipt: 02/07/2026
Analysis Commenced On: 02/07/2026
Analysis Completed On: 16/07/2026

Customer Reference: SRF Dated: 02/07/2026
Laboratory No: CTET228/004
Sample Description: STP Outlet Water
(as per the customer)

S.No	Test Parameters	Test Method	Unit	Results	TNPCB Tolerance Limit for Discharge of Treated Effluents (a) (Max)
Discipline: Chemical					**Group: Pollution & Environment**
1	Colour	IS 3025 Part 4 - 2021	Hazen	10.0	-
2	pH at 25°C	IS 3025 Part 11 - 2022 (Electrometric method)	-	7.85	5.5 to 9.0
3	Ammoniacal Nitrogen as N	IS 3025 Part 34 - 1988 (Titrimetric Method)	mg/l	BDL(DL:1.0)	50
4	Copper as Cu	IS 3025 Part 2 - 2019	mg/l	0.28	3.0
5	Elemental Zn	IS 3025 Part 2 - 2019	mg/l	0.33	5.0
6	Phenolic Compounds as C_6H_5OH	IS 3025 Part 43/Sec 1 - 2022	mg/l	BDL(DL:0.001)	1.0
7	Oil & Grease	IS 3025 Part 39-2023	mg/l	BDL(DL:5.0)	10
8	Boron as B	IS 3025 Part 2 - 2019	mg/l	0.15	2.0
9	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	BDL (DL:2.0)	30
10	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	BDL(DL:4.0)	250
11	Total Residual Free Chlorine	IS:3025 Part 26:2021	mg/l	BDL(DL:0.1)	1.0
12	Temperature	IS 3025 Part 9 - 2023	°C	27	40°C at the point of discharge
13	Arsenic as As	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.01)	0.2
14	Cadmium as Cd	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.001)	2.0
15	Total Chromium as Cr	IS 3025 Part 2 - 2019	mg/l	0.05	2.0
16	Hexavalent Chromium as Cr6+	IS 3025 Part 52 - 2003 (Diphenyl carbazide method)	mg/l	BDL(DL:0.01)	0.1
17	Lead as Pb	IS 3025 Part 2 - 2019	mg/l	0.02	0.1
18	Selenium as Se	IS 3025 Part 2 - 2019	mg/l	BDL(DL:0.005)	0.05
19	Mercury as Hg	IS 3025 part 65: 2022	mg/l	BDL(DL:0.0005)	0.01
20	Total Pesticide Residue	GC/MS/SIM) 01 & 03	mg/l	BDL(DL:0.0005)	Absent

(Continued)

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Email : test@mettexlab.com | Web : www.mettexlab.com

Test Certificate No : CML/26-27/T038524
Test Certificate Date : 16/07/2026

S.No	Test Parameters	Test Method	Unit	Results	CSPCB Tolerance Limit for Discharge of Treated Effluents (a) (Max)
Discipline: Chemical					**Group: Pollution & Environment**
21	Free ammonia as NH_3	IS 3025 Part 34 - 1988 (Nesslerization method)	mg/l	BDL(DL-0.01)	5.0
22	Dissolved Phosphate as P	IS 3025 Part 31/Sec 1 - 2022 (Stannous chloride method)	mg/l	BDL(DL-0.01)	2.0
23	Particle size of suspended solids	CML/W/SOP/55	-	Pass the test	Shall pass 850 micron IS Sieve
24	Total Kjeldahl Nitrogen as N	IS 3025 Part 34 - 1988 (Macro Kjeldahl Method)	mg/l	BDL(DL-1.0)	100
25	Cyanide as CN	IS 3025 Part 27/Sec 1 - 2021	mg/l	BDL(DL-0.01)	0.2
26	Nickel as Ni	IS 3025 Part 2 - 2019	mg/l	0.03	3.0
27	Percent Sodium	CML/W/SOP/64	%	93.2	-
28	Residual Sodium Carbonate	CML/W/SOP/64	meq/l	(-) 8.234	-
29	Total Dissolved Solids	IS 3025 Part 37 - 2022	mg/l	BDL(DL-1.0)	100
30	Total Dissolved Solids	IS 3025 Part 16 - 2023	mg/l	4	2100
31	Chloride as Cl	IS 3025 Part 32 - 1988 (Argentometric method)	mg/l	7.3	1000
32	Sulphide as S	IS 3025 Part 29 - 2022	mg/l	BDL(DL-0.01)	2.0
33	Sulphate as SO_4	IS 3025 Part 24/Sec 1 - 2022 (Turbidity method)	mg/l	1.34	1000
34	Fluoride as F	APHA 24th Edition 2023 - 4500 - F - B, D	mg/l	0.12	2.0
Discipline: Biological		**Group: Pollution & Environment**			
35	Fecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100 ml	<1.8	-

Abbreviations: BDL: Below Detection Limit, DL: Detection Limit, APHA : American Public Health Association, MPN: Most Probable Number, <1.8 MPN/100ml can be taken as "No microbial growth".

---End of Report---

For Chennai Mettex Lab Private Limited

Prepared & Authorised by
G.S. RADHA
Technical Manager
Authorised Signatory

Reviewed & Authorised by
K. KAVITHA
Technical Manager
Authorised Signatory

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CML-LAB-FT-8.7.1

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No.VV-2, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105.
Tamil Nadu, India.

Customer Reference	: SRF Dated : 03/07/2026		
Laboratory No	: 2717370/008-014	Test Certificate No	: CML/26-27/T034950
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/N&L	Test Certificate Date	: 07/07/2026
Date of Sampling	: 04/07/2026	Date of Completion	: 04/07/2026
Test Method	: ISO 10847 : 1997		
Sample Description	: Source Noise Monitoring - Insertion Loss		

S.No	DG Name (as stated by customer)	DG Base Open Noise Level dB(A)	DG Hood Close Noise Level dB(A)	RESULTS INSERTION LOSS dB(A)
Discipline :Chemical				**Group :Atmospheric Pollution**
1	DG-1250 KVA-SS-3 (S.No:44)	100.1	74.3	25.8
2	DG-1-750 KVA-SS-4(S.No:45)	99.9	74.7	25.2
3	DG-2-750 KVA SS-4(S.No:46)	98.8	74.4	25.4
4	DG-1-500 KVA-SS-2(S.No:47)	100	74.6	25.4
5	DG-2-500 KVA-SS-2(S.No:48)	99.7	74.4	25.3
6	DG-3-500 KVA-SS-2(S.No:49)	99.9	74.3	25.6
7	DG-100 KVA-(S.No:50)	100.2	74.4	25.9

Instrument used for sampling:
Sound Level Meter Instrument ID & Calibration Due Date :CML/ENV/SM/009 & 29/01/2027
Note: As per CPCB standards for Insertion Loss of DG Noise Level is **Minimum 25 dB(A)**
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SELVA KUMAR
Technical Manager
Authorised Signatory

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CML/ENV/F-14/1

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited.**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist-602 105,
Tamil Nadu, India.

Customer Reference	: SRF Dated : 07/07/2026		
Laboratory No	: 2758101/001.009	Test Certificate No	: CML/26-27/7027165
Sampling Plan & Procedure	: CML/LAB/ENV/SOP/N&L	Test Certificate Date	: 13/07/2026
Date of Sampling	: 06/07/2026,07/07/2026	Date of Completion	: 08/07/2026
Test Method	: IS 9989:1981		
Sample Description	: Noise Level Monitoring - Ambient		

S.No.	Location of Sampling (as stated by customer)	Day Time Results dB(A) Leq	Night Time Results dB(A) Leq
Discipline: Chemical		**Group: Atmospheric pollution**	
1	Near Employee Gate	60.7	48.5
2	Near Vendor Gate	58.9	45.1
3	Near Shipping Building	59.3	49.3
4	Near Scrap Yard	57.6	46.4

CPCB Standards for Industrial Area [Maximum] : Day Time 75 dB(A) Leq & Night Time 70 dB(A)
CPCB Standards for Commercial Area (Maximum) : Day Time 65 dB(A) Leq & Night Time 55 dB(A)
CPCB Standards for Residential Area (Maximum) : Day Time 55 dB(A) Leq & Night Time 45 dB(A)

Instrument used for sampling:
Sound Level Meter Instrument ID & Calibration Due Date : CML/ENV/SLM/009 & 29.01.2027
Note: LEQ-Equivalent Continuous Sound Pressure Level
Remarks: The values observed for the pollutants given above are within the CPCB Standard.

---End of Report---

For Chennai Mettex Lab Private Limited

Reviewed & Authorised by
V. SEETHARAMAN
Technical Manager
Authorised Signatory

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TEST REPORT

ISSUED TO :	M/s. India Yamaha Motor Private Limited, Plot No: VV-1, Sipcot Industrial Park, Vallam Vadagal Village, Sriperumbudur Taluk, Kancheepuram Dist. 602 105, Tamil Nadu, India.	Test Certificate No	: CML/26-27/0008521
		Test Certificate Date	: 16/07/2026
		Date of Receipt	: 02/07/2026
Customer Reference	: SRF Dated 02/07/2026	Analysis Commenced On	: 02/07/2026
Laboratory No	: 2712226/001	Analysis Completed On	: 16/07/2026
Sample Description	: **STP Inlet Water**		

S.No.	Test Parameters	Test Method	Units	Results
Discipline: Chemical			**Group: Pollution & Environment**	
1	pH at 25°C	IS 3025 Part 11 - 2022 (electrometric method)	NA	8.16
2	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	234
3	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	190
4	Chemical Oxygen Demand	IS 3025 Part 58: 2023	mg/l	447
5	Oil & Grease	IS 3025 Part 39: 2021	mg/l	19
6	Total Phosphorous as P	IS 3025 Part 31/Sec 1 - 2023 (Stannous chloride method)	mg/l	7.24
7	Ammonical Nitrogen as N	IS 3025 Part 34 - 1988 (Titrimetric Method)	mg/l	24.6
8	Total Nitrogen as N	IS 3025 Part 72 - 2015	mg/l	31.8
Discipline: Biological			**Group: Pollution & Environment**	
9	Fecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100ml	920

Abbreviations: NA: Not Applicable, APHA: American Public Health Association, MPN: Most Probable Number.

End of Report

For Chennai Mettex Lab Private Limited

Reviewed & Authorized by
G.S. RADHA
Technical Manager
Authorized Signatory

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TEST REPORT

ISSUED TO : **M/s. India Yamaha Motor Private Limited,**
Plot No. VV-1, Sipcot Industrial Park,
Vallam Vadagal Village, Sriperumbudur Taluk,
Kanchipuram Dist Tamil Nadu-602 105,India

Customer Reference : SRF Dated : 02/07/2026

Laboratory No : 2737228/002

Sample Description : **STP Outlet Water**

Test Certificate No : CML/26-27/1059522

Test Certificate Date : 16/07/2026

Date of Receipt : 02/07/2026

Analysis Commenced On : 02/07/2026

Analysis Completed On : 10/07/2026

S.No.	Test Parameters	Test Method	Unit	Results	CPCB Tolerance Limits for Sewage (Max)
Discipline: Chemical					**Group: Pollution & Environment**
1	pH at 25°C	IS:3025 Part 11 - 2022 (Electrometric method)	-	7.63	5.5 - 9.0
2	Total Suspended Solids	IS 3025 Part 17 - 2022	mg/l	8	20
3	BOD @ 27°C for 3 days	IS 3025 Part 44 - 2023	mg/l	3	10
4	Chemical Oxygen Demand	IS 3025 Part 58-2023	mg/l	12	50
5	Ammonical Nitrogen as N	IS 3025 Part 34 - 1988 (Titrimetric Method)	mg/l	4.36	-
6	Total Nitrogen as N	IS 3025 Part 73 - 2023	mg/l	7.49	10
Discipline: Biological					**Group: Pollution & Environment**
7	Faecal Coliform	APHA 24th Edition 2023 - 9221 E	MPN/100ml	79	Less than 100

Abbreviation: APHA: American Public Health Association, MPN: Most Probable Number.

---End of Report---

For Chennai Mettex Lab Private Limited

Signed & Authorised by
G.S. RADHA
Technical Manager
Authorised Signatory

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P. KAVITHA
Technical Manager
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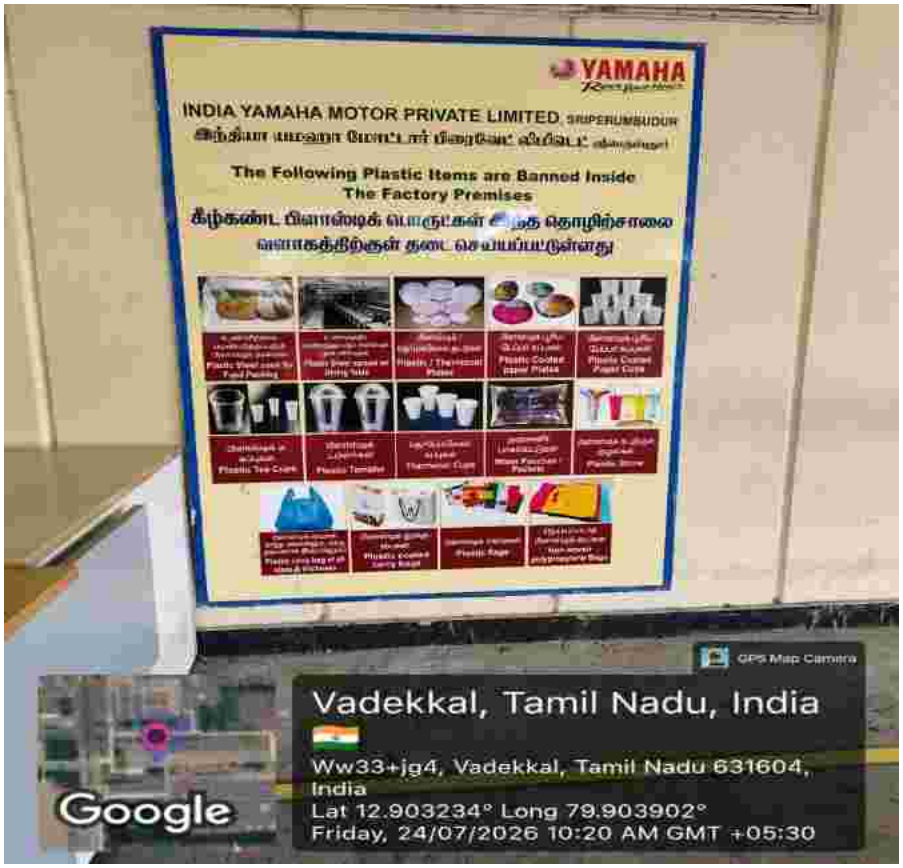
Single Use plastic

Annexure-5



PROCEEDINGS OF THE ASSISTANT DIRECTOR/DEPUTY DIRECTOR (I/c),

DISTRICT TOWN AND COUNTRY PLANNING OFFICE,

KANCHEEPURAM DISTRICT.

Online Building Plan Application–Technical Approval

lcation NO: SWP/BPA/0430886/2024 **Date: .06.2025**

Subject: Additional Industrial Building – District Town and Country Planning Office, Kancheepuram District– Kancheepuram District – Sriperumbudur Taluk, Vallam – Vadagal – A village (Palnallur) & Budanur Village – Approved SIPCOT Industrial Layout (Layout. No:L.P/DDTCP.478 / 2018) Plot No:VV–1, S.F.Nos.17(part), 18,19, 20, 21, 22, 23, 24(part), 25(part), 26, 27, 28(part), 29(part), 82(part), 83(part) and 84 (As per earlier approval) – (As per Sipcot lease deed S.nos.17part, 18, 16part, 19, 20, 21, 22, 23, 24part, 25part, 26, 27part, 28part, 29part, 83/1part, 82/1A1part, 82/1A2part, 82/1A3part, 84,85/1part, 85/2part and 87/1Bpart) Site area of 441460.40Sq.m (109.089Acres) – FSI area of 131688.26Sq.m has been already approved – Now Additional site area 6636.84Sqm (1.64Acres) in Vadagal – A village (palnallur), S.Nos:19/3A & 19/5 of has been added in the already approved site – Now Total site area 448097.24Sqm(110.729Acres) – Proposed additional FSI Area: 38826.49Sqm – Total already approved, addition to already approved and proposed building FSI area put together is 170514.75Sqm – Technical Concurrence issued – Technical Approval issued – **Forwarded for further action** – Regarding

Reference:

1. Applicant. M/s. India Yamaha Motor Pvt Ltd, Online Application Reference No. SWP/ BPA / 0430886/2024, Dated: 31.12.2024.
2. Director of Town and Country Planning, Chennai, Technical Concurrence issued for the online application No. SWP/BPA/0430886/2024, Dated. 30.04.2025.
3. Assistant Director/ Deputy Director (ic), Kancheepuram District Town and country Planning Office, Inspection Report of Online Application No. SWP/BPA/0430886/2024, Dated:07.01.2025.
4. Technical concurrence issued by Director of Town and country Planning Proceedings Roc.No.23182/18/Special Cell, Dated:20.09.2019 (Technical concurrence No:159 / 2019)
5. Technical Approval issued by Deputy Director, Chengalpattu Regional Office, Proceedings Roc.No.2066/18/CR3, Dated:04.11.2019 (Technical Approval No. 73/2019).
6. G.O.No.86, Housing and Urban Development Department, Dated: 28.03.2012.
7. G.O.No.85, Housing and Urban Development Department, Dated: 16.05.2017.
8. G.O.No.1, Housing and Urban Development Department, Dated: 05.01.2021.
9. G.O.No.18, Department of Municipal Administration and Water Supply, Dated: 04.02.2019
10. G.O.16, Department of Municipal Administration and Water Supply, Dated: 31.01.2020.
11. G.O.No.54, Housing and Urban Development Department, Dated: 12.03.2020.
12. G.O.(Ms).No.53, Housing and Urban Development Department, Dated: 28.02.2024. (Gazette Published on 10.07.2024).

13. G.O.Ms.No.225, Housing and Urban Development Department, Dated:26.11.2024.
14. Director of Town and Country Planning, Chennai (Circular), Letter RocNo.7486/2009/BA2, Dated: 16.04.2009.
15. Director of Town and Country Planning, Chennai circular Letter Roc No. 12201/2017/BA1, Dated: 22.09.2017.
16. Director of Town and Country Planning, Chennai circular Letter Roc No. 14227/2017/Splcell, Dated: 14.12.2017.
17. Tamil Nadu Fire and Rescue Services Department, District Officer, Fire & Rescue Services, Kancheepuram, Fire License No.1159/2024, L.Dis.No.7722 /A/2024, TNSWP No.225084, Dated:05.11.2024.
18. District Fire Officer, Tamil Nadu Fire and Rescue Services Department, Kancheepuram, Fire NOC, L.Dis.No.1681 / A / 2025, TNSWP No. 263376, Dated:04.03.2025.
19. Member Secretary, Tamil Nadu Pollution Control Board, Renewal of Consent to Operate order No.2408155770128, Proceedings No.T2/TNPCB/F.0836SPR/ RL/ SPR/ W/2024, Dated:22.07.2024 (RED Category).
20. Tamil Nadu Pollution Control Board, Renewal of Consent to Operate order No.2408255770128, Proceedings No.T2/TNPCB/F.0836SPR/RL/ SPR/ A/2024, Dated:22.07.2024 (RED Category).
21. Demand requested by this office through online dated on: 05.05.2025
22. Payment received from applicant through online Dated: 31.12.2024, 27.05.2025 and 13.06.2025(Offline).
23. Member Secretar, SEIAA, State Environment Impact Assessment Authority (SEIAA), Tamilnadu File No:11745, Dated:27.02.2025.

Order:

With reference to the letter 1st cited the applicant M/s. India Yamaha Motor Pvt Ltd, has requested for the approval of additional construction of Industry building in addition to the Technical Approval has been already issued in the reference 4th cited for an FSI area of 131688.26Sq.m in a site area of 441460.40Sq.m (109.089 Acres) at Kancheepuram District, Sriperumbudur Taluk, Vallam – Vadagal – A village (Palnallur) & Budanur Village, Approved SIPCOT Industrial Layout (Layout. No: LP/DDTCP478/2018) Plot No:VV–1, S.F.Nos.17(part), 18,19, 20, 21, 22, 23, 24(part), 25(part), 26, 27, 28(part), 29(part), 82(part), 83(part) and 84 (As per earlier approval) – (As per Sipcot lease deed S.nos.17part, 18, 16part, 19, 20, 21, 22, 23, 24part, 25part, 26, 27part, 28part, 29part, 83/1part, 82/1A1part, 82/1A2part, 82/1A3part, 84,85/1part, 85/2part and 87/1Bpart) – Now Additional site area 6636.84Sqm (1.64Acres) in S.Nos.19/3A & 19/5 of Vadagal – A village (palnallur) has been added with already approved site. Total site area is 448097.24Sqm (110.729 Acres) Proposed additional FSI Area is 38826.49Sqm, total already approved, addition to already approved and proposed building FSI area put together is 170514.75Sqm.

The Assistant Director / Deputy Director (i/c) of Kancheepuram District Town and Country Planning, Office has recommended the proposal with a site inspection remarks. Based on the

Assistant Director / Deputy Director (i/c) recommendation, the applicant request has been accepted. The Technical Concurrence is issued under section 47 of Town and Country Planning Act, 1971 for the above proposal and numbered as **B.P / DTCP No: 205 /2025**.

2. The area statement for the Additional Proposed Industrial building (RED Category) is as below.

Area of Site – 448097.24Sqm

Additional Industrial Building Area Statement in Sqm

Block No.	Description	FSI Area (Sqm)	Non FSI Area (Sqm)	Total Built-up Area (Sqm)
Addition to Already Approved				
1A	**BD Building**			
	BD Building Toilet -06 & Mezzanine Floor	142.84	-	142.84
	Total	142.84	-	142.84
2A & 2B	**EG Building**			
	Ground Floor	11989.39	-	11989.39
	Mezzanine Floor-1	1198.40	-	1198.40
	Mezzanine Floor-2	1198.40	-	1198.40
	DG Shed	220.27	-	220.27
	Total	14606.46	-	14606.46
13A	**R & D & Vehicle BUILDING**			
	Ground Floor	97.38	-	97.38
21A	GASOLINE SHED-1 EXPANSION	15.50	-	15.50
	Total	**14862.18**	-	**14862.18**
Proposed Building Area Statement in Sqm				
24	POLFOS Building (EG Building)	215.09	-	215.09
25 & 38	IYM OFFICE, ATM, MEDICAL ROOM, Covered Walk way (Purchase Office)	1031.48	-	1031.48
26	DRIVER ROOM	63.36	--	63.36
27	TRUCK SCALE ROOM	18.86	--	18.86
28 & 54	FIRE STATION & FIRE TENDER SHED, PROPOSED FIRE STORE ROOM	183.09	--	183.09

29	SWITCH YARD (YAMAHA MAIN)	251.68	--	251.68
30	SWITCH YARD (VENDOR PARK)	251.68	--	251.68
31	LPG MCC ROOM	14.03	--	14.03
32	TEST TRACK CONTROL ROOM & PARKING SHED	36.90	--	36.90
33	FIRE WATER TANK SHED	152.46	--	152.46
34A	MC STORAGE SHED	1389.42	--	1389.42
34B & 53A	MC STORAGE SHED & PROPOSED MC STORAGE SHED	7622.27	--	7622.27
35	GUARD HOUSE-3 (INC WAITING ROOM)	51.00	--	51.00
	PURCHASE OFFICE - GROUND FLOOR	1272.41	--	1272.41
36	PURCHASE OFFICE FIRST FLOOR	1164.12	--	1164.12
38	SMOKING SHED (PURCHASE OFFICE)	9.00	--	9.00
39	SKD BUILDING	2799.80	--	2799.80
40	TEMP. PALETTE SHED	875.00	--	875.00
41	SMCC SITE OFFICE/ YAMAHA TRAINING CENTER	1026.86	-	1026.86
42	HR HELP DESK	77.55	--	77.55
43	METER STATION-PNG	29.10	--	29.10
44	COVERED WALKWAY	256.20	--	256.20

45	RAIN WATER CATCH BASIN SHED	40.00	--	40.00
46	TRAINING ROOM (TEST TRACK)	109.56	--	109.56
47	PROPOSED DG SHED (INC.DG STACK)	257.17	--	257.17
48	PROPOSED TRAINING ROOM (OHC)	130.53	--	130.53
49,56,57	PROPOSED VENDOR FEBRICATION SHED, PROPOSED CANOPY (SHIPPING BUILDING) & PROPOSED BATTERY STORAGE SHED	448.58	--	448.58
50	PROPOSED COMPRESSOR ROOM	343.80	--	343.80
51	PROPOSED PUMP SHED	440.00	--	440.00
52	PROPOSED COVERED WALKWAY (EG BUILDING)	106.26	--	106.26
53B	PROPOSED MC STORAGE SHED	3169.12	--	3169.12
55	PROPOSED GUARD ROOM-01	26.51	--	26.51
58A	PROPOSED SCRAP SHED-01	61.20	--	61.20
58B	PROPOSED SCRAP SHED-02	37.82	--	37.82
59	IYM POLE FOUNDATION	2.40	--	2.40
	Total Area	**23964.31**		**23964.31**

Already approved FSI Area : 131688.26Sqm

Total Proposed Additional FSI Area : 38826.49Sqm.

Total FSI Area: 170514.75Sqm.
OSR – Approved SIPCOT Layout

With reference to the 6 to 16 cited above G.O's and Circulars, the fees payable to the Government are demanded to the applicant as per 21st cited. And as per the reference cited in 22nd the requested fee such as 1) **Scrutiny fee: Rs.7,49,115 and Rs.1000/(Offline)– 2) Centage Charge for Land: Rs.6,000/–, 3) Centage Charge for Building: Rs.1,00,000/–, 4) Infrastructure and Amenities Charge: Rs.1,45,72,500/–, 5)Shelter Charge: Rs.36,90,021/–, 6) Display Board Charge: Rs.1,500/– 7) Development Charge for Building: Rs.5,82,900/–, 8) Centage Charge for Land Rs.33,60,900/–,** are received in the Government head of account through online single window portal and offline. In continuation of receipt of the above said fees, and the Technical Approval is issued under section 47(A) of Town and Country Planning Act 1971 for the above proposal and numbered as **SWP/B.P (INDUSTRY) /D.D.T.C.P(KPM)No.59/2025 (Sheets: 1 to 18)** with the following special and general conditions

Special Conditions.

1. Conditions stipulated in the Environmental clearance cited in the reference No.23 issued by Member Secretary, SEIAA, State Environment Impact Assessment Authority (SEIAA), Tamilnadu is to be followed scrupulously.
2. As per the SIPCOT allotment order, S.No.19/3A & 19/5 has been allotted to the applicant in addition to the plot No.VV–1. Hence it should be incorporated in the SIPCOT layout. Proposal for layout Revision is to be submitted by the SIPCOT. The Assistant Director/ Deputy Director(i/c) of Kancheepuram District Town and Country Planning Office has to take necessary action for the layout revision.
3. Conditions stipulated in the NOC cited in the reference 17 & 18 issued by District Fire Officer, Kancheepuram District, Tamil Nadu Fire & Rescue Services is to be followed scrupulously.
4. Conditions stipulated in the Renewal of Consent for operate order cited in the reference 19 & 20 issued by Member Secretary, Tamil Nadu Pollution Control Board, is to be followed scrupulously.
5. It is responsibility of the builders to ensure safe bearing capacity of the soil and adequacy of the foundation.
6. Conditions stipulated in the No Objection certificates obtained from the central and state Government Departments must be fulfilled scrupulously.
7. Planning Permission is issued in accordance with the provisions of the Town and Country Planning Act and the rules made there under and does not cover the structural stability aspects including the safety during the construction which are covered under the Building Rules under the Local Bodies Act. Planning Permission is issued subject to the condition that the applicant/developer and also the architect/Licensed Surveyors and the Structural Engineer associated with the development shall ensure that developments shall be structurally sound and adequate safety measures are taken during the process of construction.
8. The Directorate of Town and Country Planning Department has not legally certified the title to the ownership by granting technical clearance and planning permission. Initial verification of the

documents (lease deed, sale deed, gift deed, etc) submitted by the applicant's is being verified for the applicant's entitlement to develop in the site.

If any person wishes to purchase the property must individually ascertain the ownership of the applicant's property. Also, if anyone else claims rights over the property, they can settle it before the appropriate competent court. The Directorate of Town and Country Planning Department is not the right organization to decide on this.

9. The provisions in the G.O (Ms) No.17, Housing and Urban Development (UD4(3)) Department dated: 05.02.2016 relating to installation and use of solar energy system should be followed.

General Conditions:

1. Solar water heating system to be provided to the proposed high rise residential building. Solar photo voltaic panels to be erected at the 1/3rd portion of total terrace area.
2. Parking area to be utilized only for parking purpose mentioned as per approved drawing.
3. No additions / alterations to be made without necessary permission of this office. In case any alterations required proper revised approval should be obtained.
4. Rain water harvesting should be provided as per the directions mentioned in G.O.18 & G.O.16 Department of Municipal Administration and Water Supply, Dated: 04.02.2019 & 31.01.2020.
5. Applicant should arrange to dispose sewage by vehicle at his own cost and necessary drinking water provision to be provided at applicant's own cost.
6. Mosquito netting to be provided at OHT and well.
7. Fire rescue equipment should be provided as per Rules.
8. As per GO No.341 MAWS dated 03.11.2004 "U" Trap in the septic tank design to be provided.
9. Fly Ash bricks and Materials must be used for construction.
10. As per G.O. No. 18, Department of Municipal Administration and Water Supply, dated.04.02.2019 a display board of size 60cm x 120 cm to be erected which shows site details, building details and professional's including quality Auditor details at the place of construction
11. The local authority shall accord permission duly following the rules / regulations/ Orders issued from time to time under the respective acts.
12. The Local authority shall accord Final approval after collecting requisite fees / charges as applicable and the copy of the approval issued shall be forwarded to this office for record.
13. As per references Cited Government orders & circulars Scrutiny fees, Centage charges Infrastructure and amenities charges, Shelter fund and other relevant charges has been collected and further action shall be taken by the concern Local body.

Encl:

Drawing sheets 1 to 18

Assistant Director/ Deputy Director (i/c)
District of Town & Country Planning,
Kancheepuram District.

To:

The President,
Vallam Vadagal–A(Pallnallur) & Budanur Village,
Sriperumbudur Taluk,
Kancheepuram District.

Copy to:

1. Block Development Officer,
   Sriperumbudur Panchayat Union,
   Sriperumbudur Taluk,
   Kancheepuram District.

2. M/s. India Yamaha Motor Pvt Ltd,
   Vallam Vadagal–A Budanur Village,
   SIPCOT INDUSTRIAL PARK, Vallam,
   Sriperumbudur Taluk, Kancheepuram – 602105.

Signature valid

Signed by: Deputy Director
Location:Kancheepuram
Date:2025.06.13 16:01:01

Er. S. SIVAKUMAR,
B.E., M.B.A., M.I.S.T.E., M.I.E., C.ENG (I), F.I.V.
Chartered Engineer, Govt.RegisteredValuer, Category – I
Panel Valuer for Banks, Consultant in Structural &Cost Effective
Consulting Civil Engineer, Competent person to
Issue stability certificate for factory Buildings under Factory Rule1950
I.E.I., M-152962-5 I.O.V., F.-18208

No.11, 2nd Floor, AMP Complex
Near Vishnu Mahal, MBT Road
Walaja pet, Ranipet Dt – 632 513
Mob: 98940 48784.
E-mail: prasathsai2@gmail.com

Office of the Director, Industrial Safety and Health, Chennai
Approved Number H1/25147/2023 Dated 07.02.2024

CERTIFICATE OF STABILITY
(Rule 12b (3) of Factories Rule 1950)

Name of the Factory	:	**M/s. INDIA YAMAHA MOTOR PVT LTD.**
Full Postal Address of the Factory	:	Plot No: VV-1 Sipcot Industrial Park , Vallam Vadagal Village, Sriperumpudur Taluka , Kanchipuram District – 602 105.
Name of the Occupier of the Factory	:	**Mr. Wataru Yamazaki .**(Managing Director)
Nature of the Manufacturing Process to be carried on in the Factory	:	Scooter & Motor Cycle
Number of Floors on which workers employed	:	Ground & First Floor Only , 4243 Employees .

I certify that I have inspected the Building on **09.05.2024** in which **M.S. INDIA YAMAHA MOTOR PVT LTD. (Annexure)** is housed and examined the various parts including the foundations as shown in the complete plans approved by **Director of Industrial Safety and Health Chennai.** in his letter **நி.மு.(டி1): 10883/2023 Dated:15.05.2023** with special reference to the machinery, plant, etc., that have been installed. I am of the opinion that the building has been constructed in accordance with the plans approved by **Director of Industrial Safety and Health Chennai.** in his letter **நி.மு.(டி1): 10883/2023 Dated:15.05.2023** that is structurally sound and its stability will not be endangered by the use as a factory for the manufacture of **Scooter & Motor Cycle** for which the machinery, plants etc installed are intended.

This Certificate is valid from **09.05.2024 to 08.05.2027** for three years only.

Place : **Sriperumpudur**
Date : **09.05.2024**

Er. S. SIVAKUMAR,
B.E., M.B.A., M.I.S.T.E., M.I.E., C.ENG (I), F.I.V.
Chartered Engineer, Govt.RegisteredValuer, Category – I
Panel Valuer for Banks, Consultant in Structural &Cost Effective
Consulting Civil Engineer, Competent person to
Issue stability certificate for factory Buildings under Factory Rule1950
I.E.I., M-152962-5 I.O.V., F.-18208

No.11, 2nd Floor, AMP Complex
Near Vishnu Mahal, MBT Road
Walaja pet, Ranipet Dt – 632 513
Mob: 98940 48784.
E-mail: prasathsai2@gmail.com

ANNEXURE-1

STATEMENT SHOWING THE DATE OF INSPECTION AT M/S INDIA YAMAHA MOTOR PVT LTD.

Ref as per : Office of the Director , Industrial Safety & Health, Chennai
Approved Number H1/25147/2023 Dated 07.02.2024

S.No	Name Of Building Description	Date of Inspection	Type	Floor	Approved Details
1	BD Building	09.05.2024	Shed	G +1	நி.மு.(டி1): 10883/23, Dt:15.05.2023
2	EG Building	09.05.2024	Shed	G +1	நி.மு.(டி1): 10883/23, Dt:15.05.2023
3	Canteen , SKD & CKD	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
4	PAD	09.05.2024	Shed	G +1	நி.மு.(டி1): 10883/23, Dt:15.05.2023
5	PEM	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
6	Boiler room	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
7	YMRI	09.05.2024	RCC	G +1	நி.மு.(டி1): 10883/23, Dt:15.05.2023
8	Purchase Office	09.05.2024	RCC	G +1	நி.மு.(டி1): 10883/23, Dt:15.05.2023
9	Security Office	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
10	STP	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
11	ETP	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
12	LPG	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
13	HSD	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
14	ARGON	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
15	CO2	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
16	Paint storage	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
17	Vendor fabrication shed	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
18	Vendor park area	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
19	HR Helpdesk	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
20	Shipping building	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
21	Fire pump house	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
22	Scrap yard	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
23	YTA	09.05.2024	Shed	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
24	YMRI Test track office	09.05.2024	RCC	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023
25	11 KVA Switch yard	09.05.2024	RCC	--	நி.மு.(டி1): 10883/23, Dt:15.05.2023

Annexure-8

TAMIL NADU FIRE AND RESCUE SERVICES LICENCE

(Under section 13 of the Tamil Nadu Fire Service Act 1985 and

Tamil Nadu Fire Service Rule 1990 - Appendix-III)

District Office,

Licence No: 24493/RFL/NMSB/2025

Fire and Rescue Service,

Dated: 31/10/2025

Kancheepuram District.

RENEWAL OF FIRE LICENSE

Ref: (1) Letter no:332470 from the India Yamaha Motor Private Limited, Dated: 29/09/2025

****

The Fire License is hereby **renewed** under section 13 of the Tamil Nadu Fire and Rescue Service Act 1985 for other items mfg of scooters and motor cycles In the name of M/s.India Yamaha Motor Private Limited, Plot No.VV1 & VV1 pt, Phase II, Sipcot Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District. Consisting of Ground+1 floors within the jurisdiction of Sriperumbudur based on the inspection was done by the AssistantDistrictOfficer Kanchipuram District Office on 21/10/2025. Subject to the condition noted thereon and such other conditions as may be prescribed. This licence is valid for THREE YEARS from 31/10/2025 to 30/10/2028 and should be renewed on 31/10/2028.

CONDITIONS

1. All firefighting equipment should always be kept in good working condition at all times and it should be as per the NBC 2016 part -IV maintained well and working in good condition. The trained personnel should always be available to operate the systems in case of any emergency.
2. Fire extinguishers should be installed and maintained as per IS 2190:2010
3. All Staff should be trained in preliminary firefighting as per G.O.No:713 Home (Police-17), Dated: 17.08.2005 with Fire and Rescue Services Department.
4. Mock drill should be periodically conducted.
5. Any addition and/or alteration of a permanent or temporary structure should be intimated to the Fire and Rescue Services Department.
6. Fire order / contingency plan / evacuation plan should be prepared and displayed in each floor at prominent places and Dos & Donts boards should be displayed.
7. Emergency fire exit, staircases and doors should not be obstructed.
8. Good housekeeping should be maintained and dumping of waste materials anywhere should be avoided.
9. All the electrical equipment, fitting, accessories and Wiring system should be maintained as per IS 1646 : 1997 Code of Practice for Fire Safety of Building (General) Electrical Installation should be followed.

Signature valid
Signed by: DO_Kanchipuram
R Abdbul Pan DFO
Northwestern Region - District Officer,
Lucknow Department
Date:31-Oct-2025 18:50:15

District Officer,

Fire and Rescue Services

Kancheepuram District

To:

M/s.India Yamaha Motor Private Limited,

Plot No.VV1 & VV1 pt, Phase II,

Sipcot Industrial Park,

Vallam-Vadagal Village,

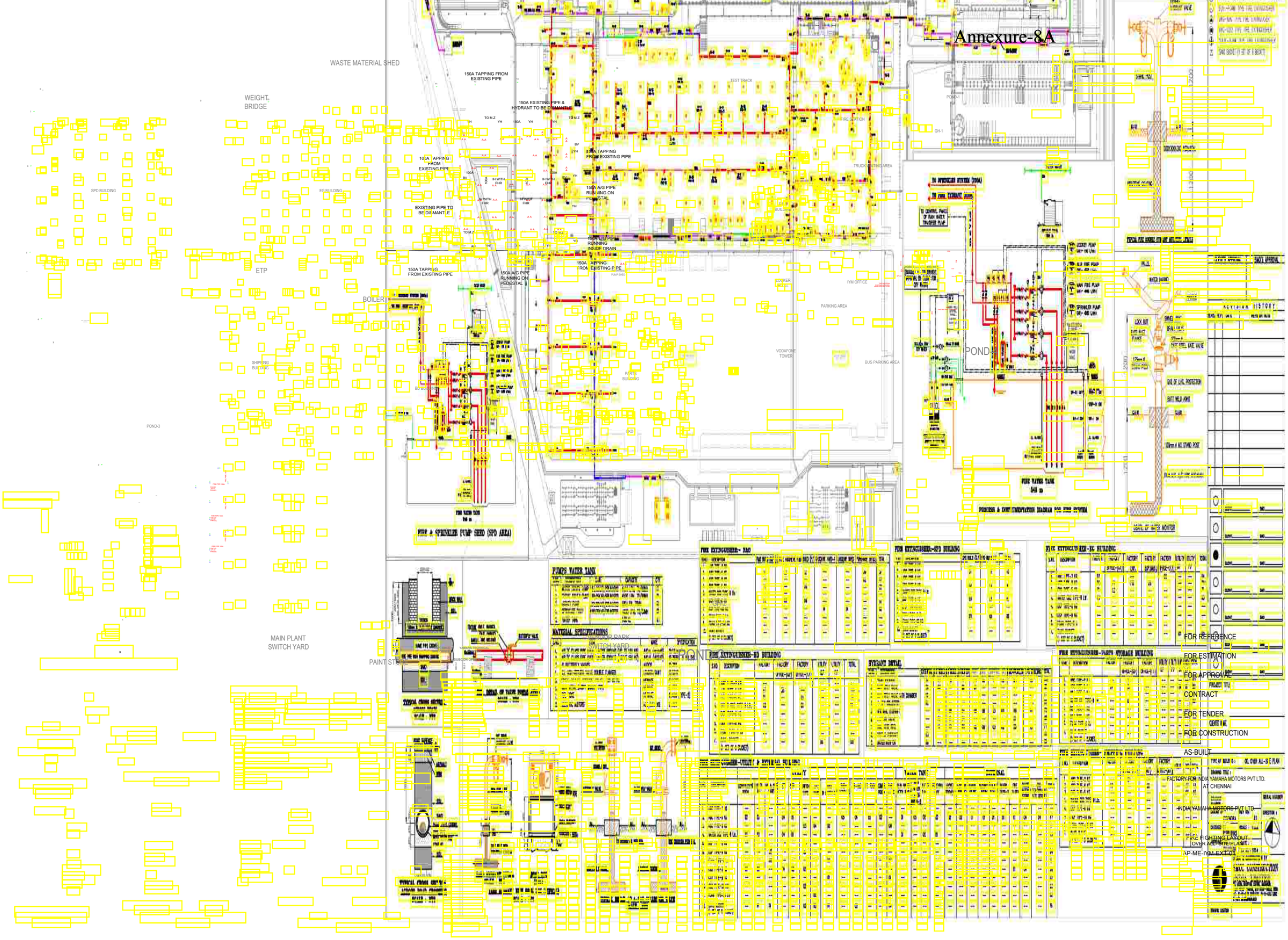
Sriperumbudur Taluk,

Kancheepuram District.

Signature valid

Signed by: DO_Kanchipuram
R.Abdhul Para DFO
Northwestern Region - District Officer,
Home Department
Date:31-Oct-2023 18:50:15

Annexure-8A


WASTE MATERIAL SHED
WEIGHT BRIDGE
150A TAPPING FROM EXISTING PIPE
150A EXISTING PIPE & HYDRANT TO BE DISMANTLE
TEST TRACK
FIRE STATION
TRUCK WAITING AREA
SPD BUILDING
EG BUILDING
EXISTING PIPE TO BE DISMANTLE
150A A/G PIPE RUNNING ON PEDESTAL
150A U/G PIPE RUNNING INSIDE DRAIN
ETP
BOILER
PARKING AREA
IYM OFFICE
VODAFONE TOWER
BUS PARKING AREA
SHIPPING BUILDING
PARTS BUILDING
POND-3
POND-1
FIRE & SPRINKLER PUMP SHED (SPD AREA)
FIRE WATER TANK
PROCESS & INSTRUMENTATION DIAGRAM FOR FIRE SYSTEM
PUMPS WATER TANK
MATERIAL SPECIFICATIONS
FIRE EXTINGUISHER-SPD BUILDING
FIRE EXTINGUISHER-EG BUILDING
FIRE EXTINGUISHER-BD BUILDING
HYDRANT DETAIL
FIRE EXTINGUISHER-PARTS STORAGE BUILDING
MAIN PLANT SWITCH YARD
PAINT STORE
FOR REFERENCE
FOR ESTIMATION
FOR APPROVAL
CONTRACT
FOR TENDER
FOR CONSTRUCTION
AS-BUILT
FACTORY FOR INDIA YAMAHA MOTORS PVT LTD. AT CHENNAI
INDIA YAMAHA MOTORS PVT LTD.
FIRE FIGHTING LAYOUT OVER ALL SITE PLAN
AP-ME-IYM-EXT-01

Category of the Industry :

RED

CONSENT ORDER NO. 2506261899047 DATED: 07/04/2025.

PROCEEDINGS NO.T3/TNPCB/F.0836SPR/RL/SPR/A/2025 DATED: 07/04/2025

SUB: TNPC Board-Consent for Establishment FOR EXPANSION- I INDIA YAMAHA MOTOR PVT LTD , S.F. No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, VADAKAL A B C BLOCK Village, Sriperumbudur Taluk, Kancheepuram District- for the establishment or take steps to establish the industry for Expansion under Section 21 of the Air(Prevention and control of Pollution)Act,1981, as amended in 1987 (Central Act, 14 of 1981)-Issued- Reg. (Industry User ID- R16SPR3824325)

REF: 1. CTO-Direct PROCEEDINGS NO. T4 / TNPCB / F.0836SPR / RL / SPR / W&A / 2022 DATED: 29/07/2022
2. RCO PROCEEDINGS NO. T2 / TNPCB / F.0836SPR / RL / SPR / W&A / 2024 DATED: 22/07/2024
3. Unit's application No.: 61899047, Dated: 03.09.2024
4. IR. No: F.0836SPR / RL / AEE / SPR / 2025, dated 26/03/2025
5. Minutes of the TSC Item No. 238-15, dated: 26.03.2025

Consent to establish or take steps to establish for Expansion is hereby granted under Section 21 of the Air (Prevention and control of Pollution) Act,1981, as amended in 1987 and the Rules and Orders made there under to

The Director,
M/s . INDIA YAMAHA MOTOR PVT LTD

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village
VADAKAL A B C BLOCK Village
Sriperumbudur Taluk
Kancheepuram District.

This Consent to establish for Expansion is valid upto **February 26, 2032** , or till the industry obtains consent to operate under Section 21 of the Air (Prevention and control of Pollution) Act, 1981, as amended in 1987 whichever is earlier subject to special and general conditions enclosed.

R SARASAVANI
Digitally signed by R SARASAVANI
Date: 2025.04.07 18:56:33 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
The Director,
M/s.INDIA YAMAHA MOTOR PVT LTD,

1st Floor, The Great Eastern Centre 70, Behind IFCI Tower, New Delhi

Pin: 110019

Copy to:

1.The Commissioner, SRIPERUMBUDUR-Panchayat Union, Sriperumbudur Taluk, Kancheepuram District .

2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.

3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chengalpattu.

4. File

SPECIAL CONDITIONS

1. This consent to establish for Expansion is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	MOTOR CYCLE	35000	Numbers/Month
2.	SCOOTER	45000	Numbers/Month
3.	ELECTRIC BIKE	5000	Numbers/Year

2. This consent to establish for Expansion is valid for establishing the facility with the below mentioned emission/noise sources along with the control measures and/or stack .Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent has to be obtained if necessary.

I	Point source emission with stack :			
Stack No.	**Point Emission Source**	**Air pollution Control measures**	**Stack height from Ground Level in m**	**Gaseous Discharge in Nm3/hr**
1	Aluminum Melting Furnace 1 No of 1&2 Ton Capacity	Cyclone dust collector followed by wet scrubber with stack	17.5	
2	Annealing Furnace(LPG)	Stack	17.5	
3	Tempering Furnace, Gas Nitriding Furnace(NH3+NH2)	Common stack	16.56	
4	Heat Treatment(Carburising furnace) & Prewashing	Stack	16.56	
5	Welding Line 1	Bag Filters with stack	16.56	
6	Pre Treatment (Degreasing	Stack	16.56	
7	Phosphating Section	Wet scrubber with stack	16.56	
8	ED Coating	Wet scrubber with stack	16.56	
9	ED Paint Shop Touch up Booth	Bag Filters with stack	16.56	
10	ED Paint Air Drying Zone(LPG)	Stack	16.56	
11	ED Paint Shop (Component Masking portion removal Section)	Stack	16.56	
12	Pre Heat Oven (LPG)	Stack	16.56	
13	Baking Oven(LPG)	Stack	16.56	
14	Pre Treatment (Degreasing/ Surface Conditioning)	Stack	16.56	
15	Air Blow Station Vent	Stack	16.56	
16	Dry Off Oven (LPG)	Stack	16.56	
17	Paint Mixing Room	Stack	16.56	
18	Paint Booth (Base Coat)	Stack	16.56	
19	Paint Booth (Top Coat)	Stack	16.56	
20	Baking Oven	Stack	16.56	
21	Vehicle Testing Area	Stack	16.56	
22	Engine Testing Area	Stack	16.56	
23	Boiler - 3T/hr each - 3 Nos. (LPG)	Common stack	17.5	
24	Aluminium Melting Furnace 1No of 2 Ton Capacity, 2 nos of die casting machine and 2 Nos of 0.5 Ton Melting Furnace	Individual suction connected to common duct is connected to cyclone dust collector followed by wet scrubber with stack	17.5	

25	Heat Treatment - 2 (Carburising furnace) & Prewashing	Stack	16.56	
26	Heat Treatment- 3 (Carburising furnace) & Prewashing	Stack	16.56	
27	Heat Treatment - 4 (Carburising furnace)&Prewashing	Stack	16.56	
28	Heat Treatment - 5 (Palfos)	Stack	16.56	
29	Welding Line - 2	Twin Bag Filters with stack	16.56	
30	Welding Line - 3	Twin Bag Filters with stack	16.56	
31	Welding Line -4	Twin Bag Filters with stack	16.56	
32	Vehicle Testing Area-2	Dust collectors with stack	16.56	
33	Vehicle Testing Area-3	Stack	16.56	
34	Chasis Dyno Testing -1 No	Stack	16.56	
35-36	Kitchen Area	Exhaust with filter	17.5	
37	DG Set - 1250 KVA	Acoustic enclosure with Stack and retrofit	20	
38	DG Set - 750 KVA	Acoustic enclosure with Stack and retrofit	20	
39	DG Set - 750 KVA	Acoustic enclosure with Stack and retrofit	20	
40	DG Set - 500 KVA	Acoustic enclosure with Stack and retrofit	20	
41	DG Set - 500 KVA	Acoustic enclosure with Stack and retrofit	18	
42	DG Set - 500 KVA	Acoustic enclosure with Stack and retrofit	11	
43	DG SET - 100 KVA	Acoustic enclosures with stack	11	
44	DG Set - 2015 KVA	Acoustic enclosure with Stack and retrofit	29	
II	**Fugitive/Noise emission :**			
Sl. No.	**Fugitive or Noise Emission sources**	**Type of emission**	**Control measures**	
1.	DG Sets	Noise	Accoustic Enclosure	
2.	Coating Booth	Fugitive	Filters with fume catcher	

3 **Special Additional Conditions:**

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

4 **Additional Conditions:**

1. The unit shall comply with all the conditions prescribed in the Environmental Clearance issued by the SEIAA, TN vide File No.: 11745/EC Identification No. EC25B3813TN5181462N, Dated: 27.02.2025.
2. The unit shall not commission the expansion activity without obtaining the consent to operate of the Board.
3. The unit shall operate and maintain the existing APC measures attached to the various emission sources continuously and efficiently so as to achieve the emission/AAQ/Ambient Noise level standards prescribed by the Board.
4. The unit shall comply with the Ambient Noise Level standards prescribed by the Board.
5. The unit shall ensure that no additional emission sources are installed without obtaining CTE from TNPCB.
6. The unit shall comply with the MoEF & CC notification NO. S.O. 2215(E) dated 07.06.2024.
7. The unit shall continue to develop green belt and shall ensure that atleast 25 % of the total land area shall be developed as greenbelt by planting thick shaded native tree saplings within the premises and the unit shall continue to maintain the green belt.
8. The unit shall ensure that the operation of the unit does not invite any public complaints.
9. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.

R SARASAVANI

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For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

GENERAL CONDITIONS

1. This consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
3. Any Change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
4. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (wherever applicable).
5. Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
6. The unit shall provide adequate water sprinklers for the control of dust emission during the loading and unloading of construction material so as to minimize the dust emission.
7. The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
8. The unit shall develop green belt of adequate width around the premises.
9. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

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For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

Category of the Industry :

RED

CONSENT ORDER NO. 2506161899047 DATED: 07/04/2025.

PROCEEDINGS NO.T3/TNPCB/F.0836SPR/RL/SPR/W/2025 DATED: 07/04/2025

SUB: TNPC Board-Consent for Establishment FOR EXPANSION- I INDIA YAMAHA MOTOR PVT LTD , S.F. No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, VADAKAL A B C BLOCK Village, Sriperumbudur Taluk, Kancheepuram District- for the establishment or take steps to establish the industry for Expansion under Section 25 of the Water(Prevention and control of Pollution)Act,1974 , as amended in 1988 (Central Act 6 of 1974) –Issued- Reg. (Industry User ID- R16SPR3824325)

REF: 1. CTO-Direct PROCEEDINGS NO. T4 / TNPCB / F.0836SPR / RL / SPR / W&A / 2022 DATED: 29/07/2022
2. RCO PROCEEDINGS NO. T2 / TNPCB / F.0836SPR / RL / SPR / W&A / 2024 DATED: 22/07/2024
3. Unit's application No.: 61899047, Dated: 03.09.2024
4. IR. No: F.0836SPR / RL / AEE / SPR / 2025, dated 26/03/2025
5. Minutes of the TSC Item No. 238-15, dated: 26.03.2025

Consent to establish or take steps to establish for Expansion is hereby granted under Section 25 of the Water (Prevention and control of Pollution) Act,1974, as amended in 1988(Central Act 53 of 1988) (hereinafter referred to as 'The Act') and the Rules and Orders made there under to

The Director,
M/s. INDIA YAMAHA MOTOR PVT LTD

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village
VADAKAL A B C BLOCK Village
Sriperumbudur Taluk
Kancheepuram District.

This Consent to establish for Expansion is valid upto **February 26, 2032**, or till the industry obtains consent to operate under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988 whichever is earlier subject to special and general conditions enclosed.

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For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
The Director,

M/s.INDIA YAMAHA MOTOR PVT LTD,

1st Floor, The Great Eastern Centre 70, Behind IFCI Tower, New Delhi

Pin: 110019

Copy to:

1.The Commissioner, SRIPERUMBUDUR-Panchayat Union, Sriperumbudur Taluk, Kancheepuram District .

2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.

3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chengalpattu.

4. File

SPECIAL CONDITIONS

1. This consent to establish for Expansion is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	MOTOR CYCLE	35000	Numbers/Month
2.	SCOOTER	45000	Numbers/Month
3.	ELECTRIC BIKE	5000	Numbers/Year

2. The unit shall provide Sewage Treatment Plant and /or Effluent Treatment Plant as indicated below.

a	**Sewage Treatment Plant:**

Treatment status: Individual STP

SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	BAR SCREEN CHAMBER	1	0.3 x 0.3 x 0.5 m
2.	OIL SKIMMING CHAMBER	1	2.7 x 1.5 x 1.9 m
3.	SEWAGE TRANSFER PUMP	2	Capacity-16.67m3/hr
4.	EQUALISATION TANK	1	5.5 x 4.6 x 4.5 m
5.	AERATION TANK	1	5.5 x 3.0 x 4.5 m
6.	SETTLING TANK	1	5.51m dia x 3 m SWD
7.	CLEAR WATER TANK	1	3.5 x 4.7 x 5.1 m
8.	DOSING PUMP	2	Capacity - 4 LPH
9.	DOSING TANK	1	Capacity - 100 Ltrs
10.	FILTER FEED PUMP	2	Capacity-16.67m3/hr
11.	PSF	1	1.2 m dia x 1.5 m Ht
12.	ACF	1	1.7 m dia x 2.0 m Ht
13.	SLUDGE HOLDING TANK	1	2.0 x 1.5 x 1.9 m
14.	ULTRA VIOLET SYSTEM	1	Capacity- 17000 LPH
15.	UF SYSTEM	1	Capacity- 8 m3/hr
16.	TREATED WATER TANK	1	3.5 x 4.7 x 5.1 m
17.	AIR BLOWER	2	Flow rate-415.8m3/hr
18.	SLUDGE RECIRCULATION PUMP	2	Capacity- 3.33m3/hr
19.	FILTER PRESS FEED PUMP	2	Capacity - 4 m3/hr
20.	FILTER PRESS	1	Capac-100Ltrs/Batch
21.	DOSING PUMP	2	Capacity - 19LPH
22.	DOSING TANK	1	Capacity - 500 Ltrs
23.	STP - II	1	200 KLD
24.	BAR SCREEN CHAMBER	1	0.3 x 0.3 x 0.5 m
25.	OIL SKIMMING CHAMBER	1	2.7 x 1.5 x 1.9 m
26.	SEWAGE TRANSFER PUMP	2	8.33 m3/hr
27.	EQUALISATION TANK	1	5.5 x 4.6 x 4.5 m
28.	AERATION TANK	1	5.5 x 3.0 x 4.5 m
29.	SETTLING TANK	1	5.51m dia x 3 m SWD
30.	CLEAR WATER TANK	1	3.5 x 4.7 x 5.1 m
31.	DOSING PUMP	2	Capacity - 4 LPH
32.	DOSING TANK	1	Capacity - 100 Ltrs
33.	FILTER FEED PUMP	2	Capacity-8.33 m3/hr
34.	PSF	1	0.6 m Dia x 1.5 m Ht

35.	ACF	1	0.6 m Dia x 1.5 m Ht
36.	SLUDGE HOLDING TANK	1	2.0 x 1.5 x 1.9 m
37.	ULTRA VIOLET SYSTEM	1	Capacity- 12000 LPH
38.	UF SYSTEM	1	Capacity- 8 m3/hr
39.	TREATED WATER TANK	1	3.5 x 4.7 x 5.1 m
40.	FILTER PRESS	1	Cap -100 Ltrs/Batch

b	**Effluent Treatment Plant:**

Treatment status: Individual ETP

SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	BAR SCREEN CHAMBER(LOW DENSITY STREAM283KLD)	1	1.25 x 0.35 x 0.94 m
2.	COLLECTION TANK(LOW DENSITY STREAM- 283KLD)	1	5 x 13.8 x 5.34 m
3.	EFFLUENT TRANSFER PUMP(LOW DENSITY STREAM- 283KLD)	2	12 m3/hr
4.	DOSING PUMPCOAGULANT(LOW DENSITY STREAM283KLD)	2	Capacity - 4 LPH
5.	DOSING TANK COAGULANT (LOW DENSITY STREAM283KLD)	1	Capacity - 300 Ltrs
6.	DOSING PUMPPOLYELECTRO(LOW DENSITY STREAM283KLD)	2	Capacity - 11 LPH
7.	DOSING TANK POLYELECTRO(LOW DENSITY STREAM283KLD)	1	Capacity - 800 Ltrs
8.	FLASH MIXER(LOW DENSITY STREAM283KLD)	1	0.7 X 0.7 X 1.3 m
9.	FLOCCULATION TANK(LOW DENSITY STREAM- 283KLD)	1	1.5 x 1.5 x 2.3 m
10.	PRIMARY CLARIFIER(LOW DENSITY STREAM283KLD)	1	4.3 m dia x 3.5 m Ht
11.	BAR SCREEN CHAMBER(ACIDIC STREAM- 67KLD)	1	1.25 x 0.35 x 0.94 m
12.	COLLECTION TANK(ACIDIC STREAM67KLD)	1	4.9 x 3.6 x 5.34 m
13.	EFFLUENT TRANSFER PUMP(ACIDIC STREAM67KLD)	2	Capacity - 3 m3/hr
14.	DOSING PUMPCOAGULANT(ACIDIC STREAM- 67 KLD)	2	Capacity - 4 LPH
15.	DOSING TANK COAGULANT(ACIDIC STREAM- 67 KLD)	1	Capacity - 300 Ltrs

16.	DOSING PUMPPOLYELECTROLYTE(AC IDIC STREAM-67 KLD)	2	Capacity - 4 LPH
17.	DOSING TANK POLYELECTROLYTE(AC IDIC STREAM- 67 KLD	1	Capacity - 300 Ltrs
18.	DOSING PUMPACID/ALKALI DOSINGACIDIC STREAM-67KLD	2	Capacity - 4 LPH
19.	DOSING TANKACID/ALKALI DOSINGACIDIC STREAM-67KLD	1	Capacity - 300 Ltrs
20.	FLASH MIXER (ACIDIC STREAM - 67 KLD)	1	0.7 X 0.7 X 1.3 m
21.	FLOCCULATION TANK(ACIDIC STREAM -67 KLD)	1	1 x 1 x 1.4 m
22.	TUBE SETTLER (ACIDIC STREAM -67 KLD)	1	1.73 x 1.73 x 2.94 m
23.	BAR SCREEN CHAMBER(OIL & BLOW WATER STREAM118KLD)	1	1.25 x 0.35 x 0.94 m
24.	OIL SKIMMER(OIL & BLOW WATER STREAM118KLD)	1	1.25 x 0.6 x 2.49 m
25.	COLLECTION TANK(OIL & BLOW WATER STREAM-118KLD)	1	5.0 x 7.4 x 5.34 m
26.	EFFLUENT TRANSFER PUMP(OIL & BLOW WATER STREAM-118	2	Capacity - 5 m3/hr
27.	DOSING PUMPCOAGULANT(OIL&BLO W WATER STREAM118KLD	2	Capacity - 4 LPH
28.	DOSING TANKCOAGULANT(OIL &BLO W WATER STREAM118KLD	1	Capacity - 300 Ltrs
29.	DOSING PUMPPOLYELECTROLYTE(OI L&BLOW WATER STREAM	2	Capacity - 4 LPH
30.	DOSING TANK POLYELECTROLYTE(OI L&BLOW WATER STREAM	1	Capacity - 300 Ltrs
31.	FLASH MIXER (OIL & BLOW WATER STREAM118KLD)	1	0.7 x 0.875 x 1.3 m

32.	FLOCCULATION TANK(OIL & BLOW WATER STREAM118KLD)	1	1.2 x 1.2 x 1.8 m
33.	TUBE SETTLER(OIL & BLOW WATER STREAM118KLD)	1	2.02 x 2.02 x 2.95 m
34.	ANOXIC TANK(COMBINED ETP SYSTEM-468KLD)	1	5.0 x 5.0 x 4.0 m
35.	MBR TANK(COMBINED ETP SYSTEM-468KLD)	1	2.5 x 5.0 x 4.0 m
36.	AERATION TANK1(COMBINED ETP SYSTEM-468KLD)	1	11.1 x 16.1 x 4.0 m
37.	AERATION TANK2(COMBINED ETP SYSTEM-468KLD)	1	2.9 x 10.8 x 4.0 m
38.	AIR BLOWERCOLLECTION TANK(COMBINED ETP SYSTEM468K	2	AIR VOLUME-367m3/hr
39.	AIR BLOWERAERATION TANK(COMBINED ETP SYSTEM468KLD	2	AIR VOLUME-1815m3/hr
40.	AIR BLOWER-MBR TANK(COMBINED ETP SYSTEM-468KLD)	2	AIR VOLUME-572 m3/hr
41.	REACTIVATED SLUDGE PUMP(COMBINED ETP SYSTEM-468KLD	2	Capacity- 78 m3/hr
42.	CLEAN-IN-PLACE TANK(COMBINED ETP SYSTEM-468KLD)	1	Capacity - 3000 Ltrs
43.	MBR PERMEATE TRANSFER PUMP(COMBINED ETP468KLD)	2	Capacity- 23 m3/hr
44.	MBR PERMEATE TANK(COMBINED ETP SYSTEM-468KLD)	1	4.0 x 3.5 x 4.0 m
45.	DOSING PUMPDISINFECTION(COMBIN ED ETP-468KLD)	2	Capacity - 4 LPH
46.	DOSING TANKDISINFECTION(COMBIN ED ETP-468KLD)	1	Capacity - 300 Ltrs
47.	SLUDGE HOLDING TANK(COMBINED ETP SYSTEM-468KLD)	2	2.3 x 2.265 x 2.8 m

48.	FILTER PRESS FEED PUMP-CHEMICAL SLUDGE(COMBINEDE TP	2	Capacity - 2 m3/hr
49.	FILTER PRESSCHEMICAL SLUDGE(COMBINED ETP SYSTEM)	1	Capacit-50Ltrs/Batch
50.	DOSING TANKCHEMICAL SLUDGEPOLYELECTR OLYTE	1	Capacity - 500 Ltrs
51.	FILTER PRESS FEED PUMP-BIOLOGICAL SLUDGE	2	Capacity- 6.50m3/hr
52.	FILTER PRESSBIOLOGICAL SLUDGE	1	Capac-150Ltrs/Batch
53.	DOSING PUMPBIOLOGICAL SLUDGEPOLYELECTR OLYTE	2	Capacity - 20 LPH
54.	DOSING TANKBIOLOGICAL SLUDGEPOLYELECTR OLYTE	1	Capacity - 1500 Ltrs
55.	DOSING TANKANTISCALANT DOSING SYSTEM-RO-I	1	Capacity - 300 Ltrs
56.	DOSING PUMPANTIOXIDANT DOSING SYSTEM- RO-I	2	Capacity - 4 LPH
57.	DOSING TANKANTIOXIDANT DOSING SYSTEM- RO-I	1	Capacity - 300 Ltrs
58.	MICRON CARTRIDGE FILTER FOR RO-I	1	5 micron
59.	RO-I HIGH PRESSURE PUMP	2	Capacity-19.5 m3/hr
60.	RO SKID-I	1	Permeate 14.6 m3/hr
61.	RO COMMON PERMEATE TANK	1	3.5 x 3.5 x 4.0 m
62.	RO-I REJECT TANK	1	1.2 x 3.5 x 3.5 m
63.	DOSING TANKANTISCALANT DOSING SYSTEM-RO-II	1	Capacity - 300 Ltrs
64.	DOSING TANK-ACID DOSING SYSTEM- RO-II	1	Capacity - 300 Ltrs
65.	MICRON CARTRIDGE FILTER FOR RO-II	1	5 micron
66.	RO-II HIGH PRESSURE PUMP	2	Capacity- 4.9 m3/hr

67.	RO SKID-II	1	Permeate - 3.2 m3/hr
68.	RO-II REJECT TANK	1	1.6 m dia x 1.9 m Ht
69.	RO-III FEED PUMP	2	Capacity- 2 m3/hr
70.	DOSING TANKANTISCALANT DOSING SYSTEM-RO-III	1	Capacity - 300 Ltrs
71.	DOSING TANK-ACID DOSING SYSTEM- RO-III	1	Capacity - 300 Ltrs
72.	MICRON CARTRIDGE FILTER FOR RO-III	1	5 micron
73.	RO-III HIGH PRESSURE PUMP	2	Capacity- 1.7 m3/hr
74.	RO SKID-III	1	Permeate -0.76 m3/hr
75.	RO-III REJECT TANK	1	3 m dia x 4.3 m Ht
76.	MULTIPLE EFFECT EVAPORATOR FEED PUMP	2	Capacity- 1.5 m3/hr
77.	MULTIPLE EFFECT EVAPORATOR	1	Capacity- 1.5 m3/hr
78.	CLEAN-IN-PLACE TANK(RO-CHEMICAL CLEANING SYSTEM)	1	Capacity - 500 Ltrs
79.	CLEAN-IN-PLACE PUMP(RO-CHEMICAL CLEANING SYSTEM)	1	Capacity- 27 m3/hr
80.	MICRON CARTRIDGE FILTER FOR CIP SYSTEM(RO CHEMICAL	1	5 micron
81.	DRAIN SUMP	1	VOLUME - 6 m3
82.	BLOW WATER TANK	1	1.5 x 1.2 x 2.5 m
83.	CONDENSATE WATER TANK	1	2 x 2 x 3.24 m
84.	HIGH OIL CONTENT RECEIVER (daf-1) TANK	1	5.1 x 1.87 x 2.4 m
85.	DAF-1 PRODUCT TANK	1	5.1 x 1 x 2.4 m
86.	DAF-2 PRODUCT TANK	1	1.2m dia x 2.0 m Ht

3. This consent to establish for Expansion is valid for establishing the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage I	84.5	Utilizing for Toilet flushing
2.	Sewage II	288.99	On land for gardening
Effluent Type : Trade Effluent			
1.	Trade effluent I (RO permeate)	407.96	Recycling to process
2.	Trade effluent II (RO Reject)	29.54	MEE & Elevated Solar Evaporation Bed. (28.05 KLD - MEE condensate recycled to process 1 KLD - Evaporation loss, 0.49 KLD as Salt)

4. **Special Additional Conditions:**

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

5. **Additional Conditions:**

1. The unit shall comply with all the conditions prescribed in the Environmental Clearance issued by the SEIAA, TN vide File No.: 11745/EC Identification No. EC25B3813TN5181462N, Dated: 27.02.2025.
2. The unit shall provide sewage treatment plant as proposed, for the treatment of sewage generated from the unit so as to satisfy the standards prescribed by the Board.
3. The unit shall operate and maintain the existing STP provided to treat the sewage efficiently and continuously so as to achieve the standards prescribed by the Board.
4. The unit shall ensure that there is no increase in the quantity of trade effluent generated from the manufacturing process due to the proposed expansion activity as reported.
5. The unit shall operate and maintain the ETP consisting reject management system, provided for the treatment and disposal of trade effluent efficiently and continuously so as to achieve Zero liquid discharge.
6. The unit shall provide energy meter and EMFM with computer recording arrangements for the existing STP, proposed STP and ETP, RO plant, MEE, Elevated SEP etc., to monitor the continuous operation and maintenance of the same.
7. The unit shall not commission the expansion activity without obtaining the consent to operate of the Board.
8. The solid waste generated such as bio-degradable waste and non-bio degradable waste shall be properly collected, segregated properly and disposed as per the provision of Solid Waste Management Rules, 2016 without any accumulation within the premises.
9. The unit shall comply with all the provisions of the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016. The unit shall also maintain Annual returns in Form IV for the Hazardous wastes generated and disposed.
10. The unit shall comply with the provisions of the E-Waste Management Rules, 2022 as amended from time to time and shall ensure that all the E-Wastes are disposed of /send to the authorised E-Waste recycling facility only as per the Rules and procedures laid down in the E-Wastes Management Rules, 2022 as amended.
11. The unit shall comply with the provisions of the Battery Waste Management Rules, 2022 as amended.
12. The unit should obtain Bio medical waste Authorization from TNPCB for handling the Bio medical wastes generated.
13. The unit shall comply with the MoEF & CC notification NO. S.O. 2215(E) dated 07.06.2024.
14. The unit shall not use single use plastics banned by Government of Tamilnadu vide G.O.(Ms) No.84 Environment and Forests (EC.2) Department dated: 25.06.2018 and by Government of India vide MoEF&CC Notification No.G.S.R571(E) dated:12.08.2021.
15. The unit shall ensure that the operation of the unit does not invite any public complaints.
16. The unit shall provide, operate and maintain Rain water harvesting facilities within the premises.
17. The unit shall furnish the Environmental statement for the financial year ending 31st March every year.
18. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.

R SARASAVANI

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For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

GENERAL CONDITIONS

1. This consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
3. Any Change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
4. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (wherever applicable).
5. Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
6. The unit shall provide adequate water sprinklers for the control of dust emission during the loading and unloading of construction material so as to minimize the dust emission.
7. The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
8. The unit shall develop green belt of adequate width around the premises.
9. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

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For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

Annexure-10

FORM LS-1A/प्ररुप - एलएस–1क

(See Rules 50, 51, 54 and 55)/(नियम 50 , 51, 54 और 55 देखें)

Licence to Store Compressed gas in pressure vessel or vessels

दाब पात्र या पात्रों में संपीड़ित गैस भण्डारकरण के लिए अनुज्ञप्ति

अनुज्ञप्ति सं/Licence No. : **S/HO/TN/03/1003(S61421)** फीस रुपए/Fee Rs. **50000**/- per year/प्रति वर्ष

Licence is hereby granted to M/s. India Yamaha Motor Private Limited, VV-1, SIPCOT Industrial Park,, Vallam Vadagal Village, SRiperumbudur Taluk , Taluka: Sriperumbudur, District: KANCHIPURAM , State: Tamil Nadu PIN: 602105 valid only for the storage of compressed gas in 3 Number(s) of pressure vessels as indicated below in the licensed premises described below and shown in the plan No.S/HO/TN/03/1003(S61421) dated 20/03/2017 subject to the provisions of the Indian Explosives Act, 1884 (4 of 1884) and the rules made thereunder and to the further conditions of this licence.

श्री M/s. India Yamaha Motor Private Limited, VV-1, SIPCOT Industrial Park,, Vallam Vadagal Village, SRiperumbudur Taluk , Taluka: Sriperumbudur, District: KANCHIPURAM , State: Tamil Nadu PIN: 602105 को नीचे वर्णित अनुज्ञप्त परिसरों में और रेखांकन संख्या S/HO/TN/03/1003(S61421) dated 20/03/2017 में भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अन्य शर्तों पर 3 दाब पात्र / पात्रों में संपीड़ित गैस के भण्डारण के लिए अनुज्ञप्ति मंजूर की जाती है।

यह अनुज्ञप्ति 30 सितंबर 2027 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the **30th September2027.**

Vessel No./वेसल नंबर	Name of Gas/ गैस का नाम	State of Gas/ गैस की स्थिति	Water Capacity in cubic meter/ जल क्षमता (घ.मी.)	Max. working Pre.(kg/cm^2)/ अधिकतम वर्किंग प्रेशर	Quantity Granted in kgs(Liquified gas)/किलोग्रॅम में जारी मात्रा (लिक्विफाईड गैसेस)
1011321071/5	LIQUID NITROGEN	Liquified	12.68	17.6	9127
10T0171	LIQUID ARGON	Liquified	6.02	18.54	7555
1011221054/1	CARBON DIOXIDE	Liquified	10.43	24	10047
Total Water capacity			**29.13**		

July 28, 2014

Chief Controller of Explosives

1). Amendment dated - 20/03/2017

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES/अनुज्ञप्त परिसर का विवरण और अवस्थिती

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. S/HO/TN/03/1003 dated 20/03/2017 are situated at SriperumbudurVallam and consists of 3 Number(s) vessel(s) for storage of :/अनुज्ञप्त परिसर, प्रदर्शित सीमा और अन्य विवरण जो संलग्न अनुमोदित रेखाचित्र क्र.S/HO/TN/03/1003 दिनांक 20/03/2017 में दर्शाए गए है SriperumbudurVallam पर स्थित है और इसमे 3 वेसल सम्मिलित है।

a) Flammable/Corrosive/Toxic Gases :/ज्वलनशील / संक्षारक / विषैली गैसों:

b) Non-Toxic Gases :/अविषैली गैसों : CARBON DIOXIDE, LIQUID ARGON, LIQUID NITROGEN

and is situated at PlotNo : VVI, Village/Town : SriperumbudurVallam, Police Station : Sriperumbudur, District : KANCHIPURAM, State : Tamil Nadu , Pin : 602105.

/प्लाट संख्या PlotNo : VVI, गांव या नगर : SriperumbudurVallam, पुलीस थाना : Sriperumbudur, जिला : KANCHIPURAM, राज्य : Tamil Nadu , Pin : 602105 में स्थित है।

SPACE FOR ENDORSEMENT OF RENEWALS/नवीकरण के पृष्ठांकन के लिए स्थान

	Date of Renewal/ नवीकरण की तारीख	Date of Expiry/ अनुज्ञप्ति की समाप्ति की तारीख	Signature and stamp of the licensing authority/अनुज्ञापन प्राधिकारी के हस्ताक्षर और कार्यालय की मुद्रा
This licence shall be renewable without any concession in fee for			

three years in the absence of contravention of the provision of the Indian Explosives Act, 1884, or the Static and Mobile Pressure Vessles (Unfired) Rules,2016, framed thereunder or of the conditions of the licence./अनुज्ञप्ति, भारतीय विस्फोटक अधिनियम, 1884 या उसके अधीन अधीन बनाए गए स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में बिना किसी छूट के तीन वर्ष तक नवीकृत की जाएगी।	**26/09/2022**	**30/09/2027**	**P. SEENIRAJ DCCE For Jt. Chief Controller of Explosives Chennai**

This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both./यदि निरीक्षण के समय अनुज्ञप्त परिसर इससे उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है, उनमे से किसी का उल्लंघन होता है तो उस दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्ति का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकेगी, या जुर्माने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से दण्डनीय भी होगा।

Note:-This is system generated document does not require physical signature.

Digitally signed by P SEENIRAJ
Reason: Licence No. : S/HO/TN/03/1003
Location:South Circle Office [S61421]
Date:2022.09.26 12:46:21 +05:30

FORM LS-1A/प्ररुप - एलएस–1क

(See Rules 50, 51, 54 and 55)/(नियम 50 , 51, 54 और 55 देखें)

Licence to Store Compressed gas in pressure vessel or vessels

दाब पात्र या पात्रों में संपीड़ित गैस भण्डारकरण के लिए अनुज्ञप्ति

अनुज्ञप्ति सं/Licence No. : **S/HO/TN/03/1043(S59330)** फीस रुपए/Fee Rs. **50000**/- per year/प्रति वर्ष

Licence is hereby granted to M/s. India Yamaha Motor Pvt. Ltd, Plot No. VV1, SIPCOT Industrial Park,, Vallam Vadagal Village, SRiperumbudur Taluk , Taluka: Kancheepuram, District: KANCHIPURAM , State: Tamil Nadu PIN: 602105 valid only for the storage of compressed gas in 2 Number(s) of pressure vessels as indicated below in the licensed premises described below and shown in the plan No.S/HO/TN/03/1043(S59330) dated 10/06/2020 subject to the provisions of the Indian Explosives Act, 1884 (4 of 1884) and the rules made thereunder and to the further conditions of this licence.

श्री M/s. India Yamaha Motor Pvt. Ltd, Plot No. VV1, SIPCOT Industrial Park,, Vallam Vadagal Village, SRiperumbudur Taluk , Taluka: Kancheepuram, District: KANCHIPURAM , State: Tamil Nadu PIN: 602105 को नीचे वर्णित अनुज्ञप्त परिसरों में और रेखांकन संख्या S/HO/TN/03/1043(S59330) dated 10/06/2020 में भारतीय विस्फोटक अधिनियम, 1884 (1884 का 4) और उसके अधीन बनाए गए नियमों तथा इस अनुज्ञप्ति की अन्य शर्तों पर 2 दाब पात्र / पात्रों में संपीड़ित गैस के भण्डारण के लिए अनुज्ञप्ति मंजूर की जाती है।

यह अनुज्ञप्ति 30 सितंबर 2029 तक प्रवृत्त रहेगी।

The Licence shall remain in force till the **30th September2029.**

Vessel No./वेसल नंबर	Name of Gas/ गैस का नाम	State of Gas/ गैस की स्थिति	Water Capacity in cubic meter/ जल क्षमता (घ.मी.)	Max. working Pre.(kg/cm^2)/ अधिकतम वर्किंग प्रेशर	Quantity Granted in kgs(Liquified gas)/किलोग्रॅम में जारी मात्रा (लिक्विफाईड गैसेस)
STPL-766/14	PROPANE	Liquified	39.90	21	16716
STPL-767/14	PROPANE	Liquified	39.90	21.0	16716
Total Water capacity			**79.80**		

February 1, 2015

For Chief Controller of Explosives
HQ, Nagpur
कृते मुख्य विस्फोटक नियंत्रक
नागपुर

1). Amendment dated - 30/06/2017

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES/अनुज्ञप्त परिसर का विवरण और अवस्थिती

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No. S/HO/TN/03/1043 dated 10/06/2020 are situated at SriperumbudurVallam Vadagal Taluk Sriperumbudur and consists of 2 Number(s) vessel(s) for storage of :/अनुज्ञप्त परिसर, प्रदर्शित सीमा और अन्य विवरण जो संलग्न अनुमोदित रेखाचित्र क्र.S/HO/TN/03/1043 दिनांक 10/06/2020 में दर्शाए गए है SriperumbudurVallam Vadagal Taluk Sriperumbudur पर स्थित है और इसमे 2 वेसल सम्मिलित है।

a) Flammable/Corrosive/Toxic Gases :/ज्वलनशील / संक्षारक / विषैली गैसों: PROPANE

b) Non-Toxic Gases :/अविषैली गैसों :

and is situated at PlotNo : VV-1, Village/Town : SriperumbudurVallam Vadagal Taluk Sriperumbudur, Police Station : Sriperumbudur, District : KANCHIPURAM, State : Tamil Nadu , Pin : 602105.

/प्लाट संख्या PlotNo : VV-1, गांव या नगर : SriperumbudurVallam Vadagal Taluk Sriperumbudur, पुलीस थाना : Sriperumbudur, जिला : KANCHIPURAM, राज्य : Tamil Nadu , Pin : 602105 में स्थित है।

SPACE FOR ENDORSEMENT OF RENEWALS/नवीकरण के पृष्ठांकन के लिए स्थान

	Date of Renewal/ नवीकरण की तारीख	Date of Expiry/ अनुज्ञप्ति की समाप्ति की तारीख	Signature and stamp of the licensing authority/अनुज्ञापन प्राधिकारी के हस्ताक्षर और कार्यालय की मुद्रा
This licence shall be renewable without any concession in fee for			

three years in the absence of contravention of the provision of the Indian Explosives Act, 1884, or the Static and Mobile Pressure Vessles (Unfired) Rules,2016, framed thereunder or of the conditions of the licence./अनुज्ञप्ति, भारतीय विस्फोटक अधिनियम, 1884 या उसके अधीन अधीन बनाए गए स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में, फीस में बिना किसी छूट के तीन वर्ष तक नवीकृत की जाएगी।	**07/10/2024**	**30/09/2029**	**S Saravanan CE For Jt. Chief Controller of Explosives Chennai**

This licence is liable to be cancelled if the licenced premises are not found conforming to the description and conditions attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable with imprisonment for the term which may extend to two years or with fine which may extend to three thousand rupees or with both./यदि निरीक्षण के समय अनुज्ञप्त परिसर इससे उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पाया जाता है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है, उनमे से किसी का उल्लंघन होता है तो उस दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्ति का धारक कारावास से, जिसकी अवधि दो वर्ष तक की हो सकेगी, या जुर्माने से, जो तीन हजार रुपये तक का हो सकेगा, या दोनों से दण्डनीय भी होगा।

Note:-This is system generated document does not require physical signature.

Digitally signed by S. SARAVANAN
Reason: Licence No. : S/HO/TN/03/1043
Location:South Circle Office [S59330]
Date:07-10-2024 16:21:20 PM

अनुज्ञप्ति संख्या-(Licence No.) P/HQ/TN/15/5119 (P333762)

<u>नवीनीकरण के पृष्ठांकन के लिए स्थान</u>
<u>SPACE FOR ENDORSEMENT OF RENEWALS</u>

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी | This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	01/01/2025	31/12/2034	S Saravanan Controller of Explosives For Jt. Chief Controller of Explosives Chennai

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पाए जाते है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमे से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा \|

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

Note:-This is system generated document does not require signature.

Digitally signed by SUBRAMANIYAN SARAVANAN
Reason: Licence No. : P/HQ/TN/15/5119
Location:South Circle Office [P333762]
Date:01-01-2025 12:31:14 PM

भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)
Petroleum & Explosives Safety Organisation (PESO)
A और D - विंग, ब्लॉक 1-8, द्वूसरा तल, शास्त्री भवन, 26 हड्डोउस रोड, नुंगम्बक्कम
चेन्नै- 600006
A & D - Wing, Block 1-8, IInd Floor, Shastri Bhavan,
26 Haddous Road, Nungambakkam,
Chennai - 600006

E-mail : **jtccechennai@explosives.gov.in**
Phone/Fax No : **044 - 28287118,28281023,28281041,28287119/28284848**

संख्या /No. : **P/SC/TN/16/191 (P337758)** दिनांक /Dated : **24/12/2024**

सेवा में
/To,

M/s. India Yamaha Motor Pvt. Ltd.,
Plot No.VV-1, Sipcot Industrial Park, Vallam Vadag,
Vallam Vadagal,
Sriperumbudur,
Taluka: Sriperumbudur,
District: KANCHIPURAM,
State: Tamil Nadu
PIN: 602105

विषय /Sub : **Survey No, 24/4B7, VALLAM VADAGAL A VILLAGE, Vallam Vadagal, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** में स्थित विद्यमान पेट्रोलियम वर्ग **A** भंडारण शेड -अनुज्ञप्ति सं **P/SC/TN/16/191 (P337758)** - नवीकरण के संदर्भ में

Existing Petroleum Class **A** Storage Shed at **Survey No, 24/4B7, VALLAM VADAGAL A VILLAGE, Vallam Vadagal, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** - Licence No. **P/SC/TN/16/191 (P337758)** -Reg Renewal of Licence.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक **OIN1839351** दिनांक **10/12/2024** का अवलोकन करें ।

Please refer to your letter No.: **OIN1839351**, dated **10/12/2024**

अनुज्ञप्ति संख्या **P/SC/TN/16/191 (P337758)** दिनांक **21/02/2017** दिनांक **31/12/2034** तक नवीनीकृत कर इस पत्र के साथ लौटाई जा रही है ।

Licence No. **P/SC/TN/16/191 (P337758)** dated **21/02/2017** is returned herewith duly renewed upto **31/12/2034**.

कृपया पेट्रोलियम नियम 2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कडाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्ताेवजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व **to Jt. Chief Controller of Explosives, South Circle Office, Chennai, so as to reach his** कार्यालय को प्रेषित करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence **to Jt. Chief Controller of Explosives, South Circle Office, Chennai, so as to reach his** office at least thirty days before the date on which Licence expires.

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((डा.आर.के.राठोर)
(Dr. R. K. Rathore))
संयुक्त मुख्य विस्फोटक नियंत्रक
Jt. Chief Controller of Explosives
चेन्नै/Chennai

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : http://peso.gov.in देखें)
(For more information regarding status,fees and other details please visit our website: http://peso.gov.in)

Note:-This is system generated document does not require signature.

प्ररूप XVI
(प्रथम अनुसूची का अनुच्छेद 7 देखिए)
FORM XVI
(see Article 7 of the First Schedule)

300 लीटर से अधिक मात्रा में वर्ग क प्रपुंज पेट्रोलियम या 25,000 लीटर से अधिक मात्रा में वर्ग ख पेट्रोलियम या 45,000 लीटर से अधिक मात्रा में वर्ग ग पेट्रोलियम या वर्ग क पेट्रोलियम का किसी अन्य वर्ग के पेट्रोलियम के साथ कुल मिलाकर 300 लीटर से अधिक मात्रा से भिन्न मात्रा में आयात और भंडारकरण के लिए अनुज्ञप्ति ।

Licence to import and store otherwise than in bulk petroleum Class A to quantities exceeding 300 litres or petroleum Class B in quantities exceeding 25,000 litres or petroleum Class C in quantities exceeding 45,000 litres or petoleum Class A together with any other class of petroleum in quantities exceeding 300 litres in all.

अनुज्ञप्ति संख्या /Licence No. : **P/SC/TN/16/191(P337758)** फीस रुपए /Fee Rs. **5000**/- per year

M/s. India Yamaha Motor Pvt. Ltd., Plot No.VV-1, Sipcot Industrial Park, Vallam Vadag, Vallam Vadagal, Sriperumbudur, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105 को इसमें तथा विनिर्दिष्ट वर्गों के और मात्राओं में पेट्रोलियम को, आयात करने के लिए और नीचे विनिर्दिष्ट स्थानों में, जो इससे संलग्न. अनुमोदित नक्शा सं **P/SC/TN/16/191(P337758)** तारीख **21/02/2017** मे दिखाए गए है, पेट्रोलियम, 1934 और उसके अधीन बनाए गए नियमों के उपबंधो तथा इस अनुज्ञप्ति को अतिरिक्त शर्तों पर भंडारकरण के लिए अनुज्ञप्ति अनुदत्त की जाती हैं ।

Licence is hereby granted to **M/s. India Yamaha Motor Pvt. Ltd., Plot No.VV-1, Sipcot Industrial Park, Vallam Vadag, Vallam Vadagal, Sriperumbudur, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** valid for the importation of Petroleum of the classes and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No **P/SC/TN/16/191(P337758)** dated **21/02/2017** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December **2034** तक प्रवृत रहेगी ।
The Licence shall remain in force till the 31st day of December **2034**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में)/Quantity licenced in KL
वर्ग क पेट्रोलियम /Petroleum Class A	**27.00 KL**
वर्ग ख पेट्रोलियम /Petroleum Class B	**NIL**
वर्ग ग पेट्रोलियम /Petroleum Class C	**NIL**
कुल क्षमता /Total Capacity	**27.00 KL**

June 24, 2015

For Jt. Chief Controller of Explosives
SC, Chennai

1). Amendment dated - 21/02/2017

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्ट यां संलग्न अनुमोदित नक्शेी में दिखाई गई हैं **Survey No: 24/4B7, VALLAM VADAGAL A VILLAGE, Vallam Vadagal, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **Consists of storage shed and connected facilities.** सम्मिलित हैं:

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at **Survey No: 24/4B7, VALLAM VADAGAL A VILLAGE, Vallam Vadagal, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** and **Consists of storage shed and connected facilities..**

Note:-This is system generated document does not require signature.

अनुज्ञप्ति संख्या-(Licence No.) P/SC/TN/16/191 (P337758)

<u>नवीनीकरण के पृष्ठांकन के लिए स्थान</u>
<u>SPACE FOR ENDORSEMENT OF RENEWALS</u>

पेट्रोलियम अधिनियम, १९३४ के उपबन्धों या उनके अधीन बनाए गए नियमों या इस अनुज्ञप्ति की शर्तों का उल्लंघन न होने की दशा में यह अनुज्ञप्ति फ़िस में बिना किसी छूट के दस वर्ष तक नवीकृत की जा सकेगी | This licence shall be renewable without any concession in fee for ten years in the absence of contravention of any provisions of the Petroleum Act, 1934 or of the rules framed thereunder or of any of the conditions of this licence.	नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry of license	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature and office stamp of the licencing authority.
1).	24/12/2024	31/12/2034	Dr. R. K. Rathore Jt. Chief Controller of Explosives Chennai

यदि अनुज्ञप्ति परिसर इसमें उपाबद्ध विवरण और शर्तों के अनुरुप नहीं पाए जाते है और जिन नियमों और शर्तों के अधीन यह अनुज्ञप्ति मंजूर की गई है उनमे से किसी का उल्लंघन होने की दशा में यह अनुज्ञप्ति रद्द की जा सकती है और अनुज्ञप्तिधारी प्रथम अपराध के लिए साधारण कारावास से, जो एक मास तक हो सकता है, या जुर्माने से, जो एक हजार रुपये तक हो सकता है, या दोनों से, और प्रत्येक पश्चातवर्ती अपराध के लिए साधारण कारावास से जो तीन मास तक हो सकता है, या जुर्माने से, जो पांच हजार रुपये तक हो सकता है, या दोनों से, दण्डनीय होगा \|

This licence is liable to be cancelled if the licensed premises are not found conforming to the description given on the approved plan attached hereto and contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable for the first offence with simple imprisonment which may be extend to one month, or with fine which may extend to one thousand rupees, or with both and for every subsequent offence with simple imprisonment which may extend to three months, or with fine which may extend to five thousand rupees or with both.

Note:-This is system generated document does not require signature.

Digitally signed by DR R K RATHORE
Reason: Licence No. : P/SC/TN/16/191
Location:South Circle Office [P337758]
Date:24-12-2024 16:48:59 PM

प्ररूप XVI
(प्रथम अनुसूची का अनुच्छेद 7 देखिए)
FORM XVI
(see Article 7 of the First Schedule)

300 लीटर से अधिक मात्रा में वर्ग क प्रपुंज पेट्रोलियम या 25,000 लीटर से अधिक मात्रा में वर्ग ख पेट्रोलियम या 45,000 लीटर से अधिक मात्रा में वर्ग ग पेट्रोलियम या वर्ग क पेट्रोलियम का किसी अन्य वर्ग के पेट्रोलियम के साथ कुल मिलाकर 300 लीटर से अधिक मात्रा से भिन्न मात्रा में आयात और भंडारकरण के लिए अनुज्ञप्ति ।

Licence to import and store otherwise than in bulk petroleum Class A to quantities exceeding 300 litres or petroleum Class B in quantities exceeding 25,000 litres or petroleum Class C in quantities exceeding 45,000 litres or petoleum Class A together with any other class of petroleum in quantities exceeding 300 litres in all.

अनुज्ञप्ति संख्या /Licence No. : **P/SC/TN/16/200(P364963)** फीस रुपए /Fee Rs. **5000**/- per year

M/s. M/s. INDIA YAMAHA MOTOR PVT LTD,, PLOT NO.VV-1, SIPCOT INDUSTRIAL PARK, VALLAM-VADAG, VALLAM VADAGAL, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105 को इसमें तथा विनिर्दिष्टि वर्गों के और मात्राओं में पेट्रोलियम को, आयात करने के लिए और नीचे विनिर्दिष्ट स्थानों में, जो इससे संलग्न. अनुमोदित नक्शा सं **P/SC/TN/16/200(P364963)** तारीख **23/10/2025** मे दिखाए गए है, पेट्रोलियम, 1934 और उसके अधीन बनाए गए नियमों के उपबंधो तथा इस अनुज्ञप्ति को अतिरिक्त शर्तों पर भंडारकरण के लिए अनुज्ञप्ति अनुदत्त की जाती हैं ।

Licence is hereby granted to **M/s. M/s. INDIA YAMAHA MOTOR PVT LTD,, PLOT NO.VV-1, SIPCOT INDUSTRIAL PARK, VALLAM-VADAG, VALLAM VADAGAL, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** valid for the importation of Petroleum of the classes and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No **P/SC/TN/16/200(P364963)** dated **23/10/2025** attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुज्ञप्ति 31st day of December **2030** तक प्रवृत रहेगी ।
The Licence shall remain in force till the 31st day of December **2030**

पेट्रोलियम का विवरण /Description of Petroleum	अनुज्ञप्त मात्रा (किलोलीटरों में)/Quantity licenced in KL
वर्ग क पेट्रोलियम /Petroleum Class A	**0.60 KL**
वर्ग ख पेट्रोलियम /Petroleum Class B	**NIL**
वर्ग ग पेट्रोलियम /Petroleum Class C	**NIL**
कुल क्षमता /Total Capacity	**0.60 KL**

March 31, 2016

For Jt. Chief Controller of Explosives
SC, Chennai

अनुज्ञप्त परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुज्ञप्त परिसर जिसकी विन्यास सीमाएं अन्य विशिष्ट यां संलग्न अनुमोदित नक्शी में दिखाई गई हैं **Plot No: 17/4A, PLOT NO.VV-1, SIPCOT INDUSTRIAL PARK, VALLAM-VADAGAL VILLAGE, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** स्थान पर अवस्थित है तथा उसमें निम्नलिखित **Consists of 600 L GASOLINE storage shed and connected facilities.** सम्मिलित हैं:

The licensed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at **Plot No: 17/4A, PLOT NO.VV-1, SIPCOT INDUSTRIAL PARK, VALLAM-VADAGAL VILLAGE, Kancheepuram, Taluka: Sriperumbudur, District: KANCHIPURAM, State: Tamil Nadu, PIN: 602105** and **Consists of 600 L GASOLINE storage shed and connected facilities..**

Note:-This is system generated document does not require signature.

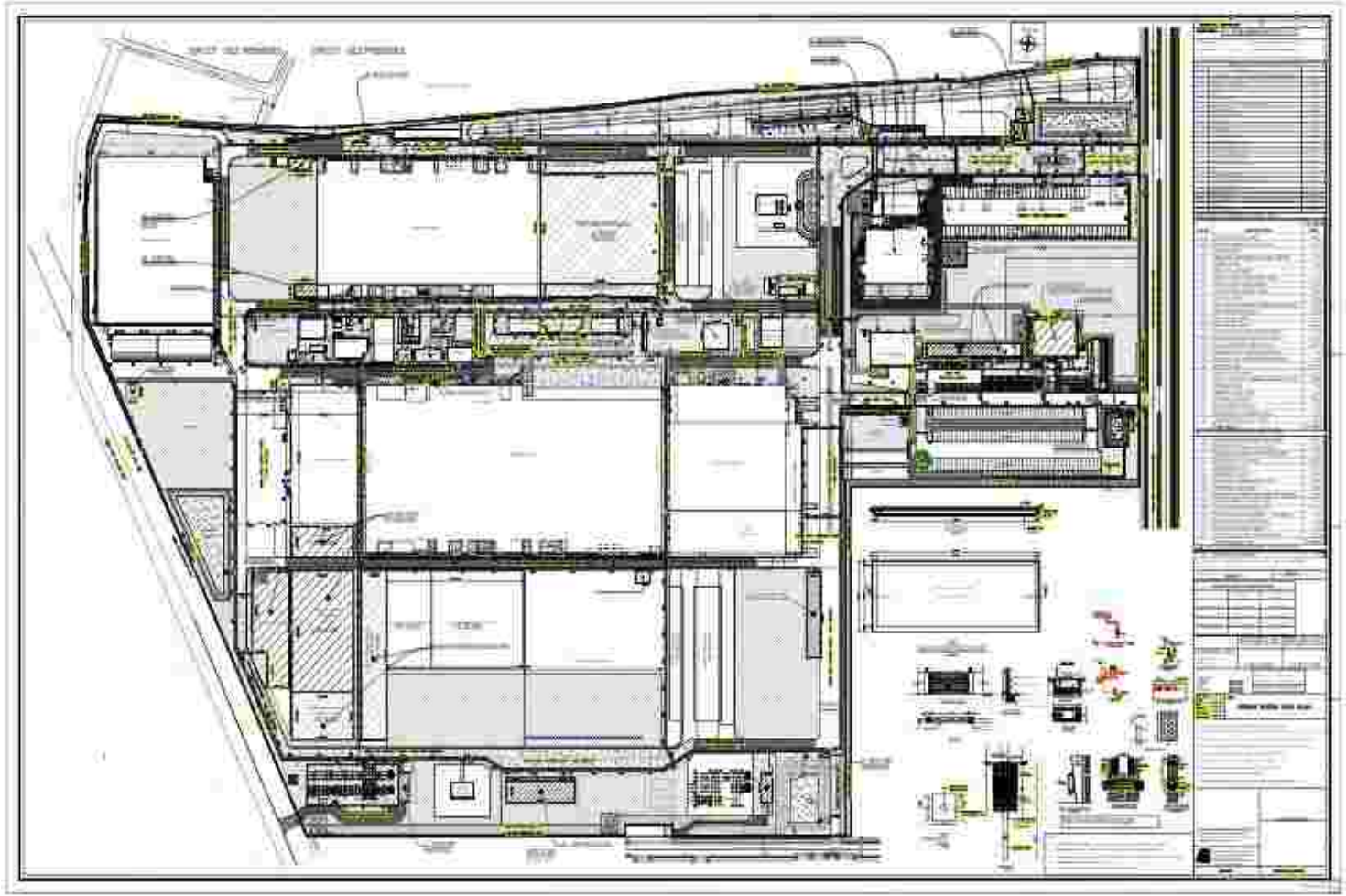
Rainwater harvesting storage tank details

Annexure-11

S.NO	BLOCKS	CAPACITY IN M3
1	BD Building	89
2	Pad building	33
3	Parts building	21
4	Engine building	33
5	New Purchase building	
6	Rainwater collecting pit	1441
7	Rainwater collecting pit	1441
8	New EG Building Collection	

Storm Water Drainage Plan

Annexure-11A



Power requirement

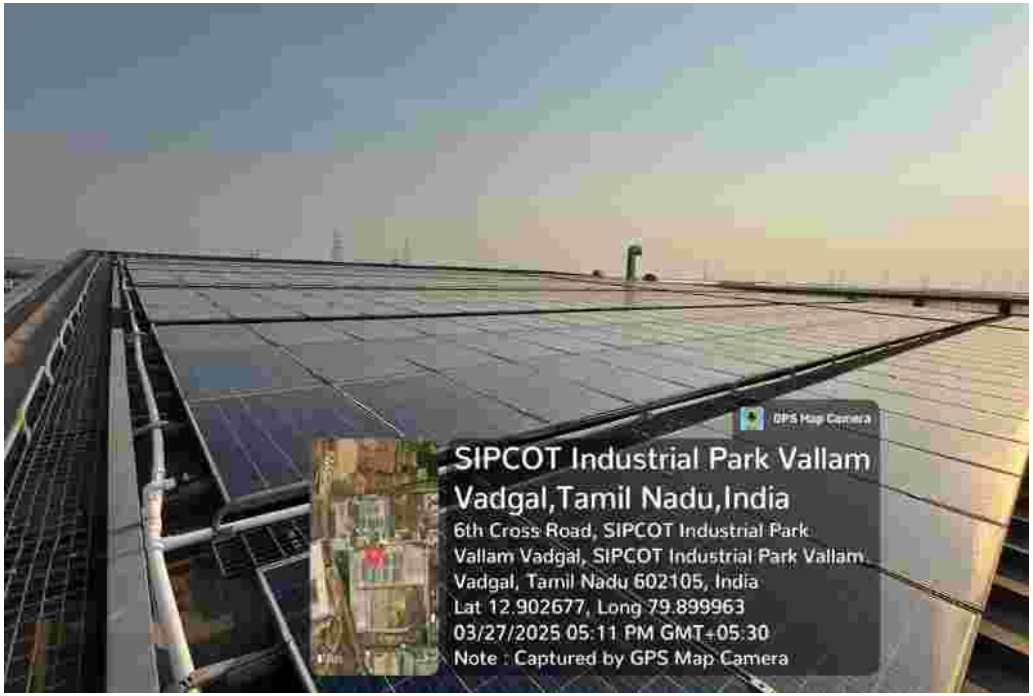
Annexure-12

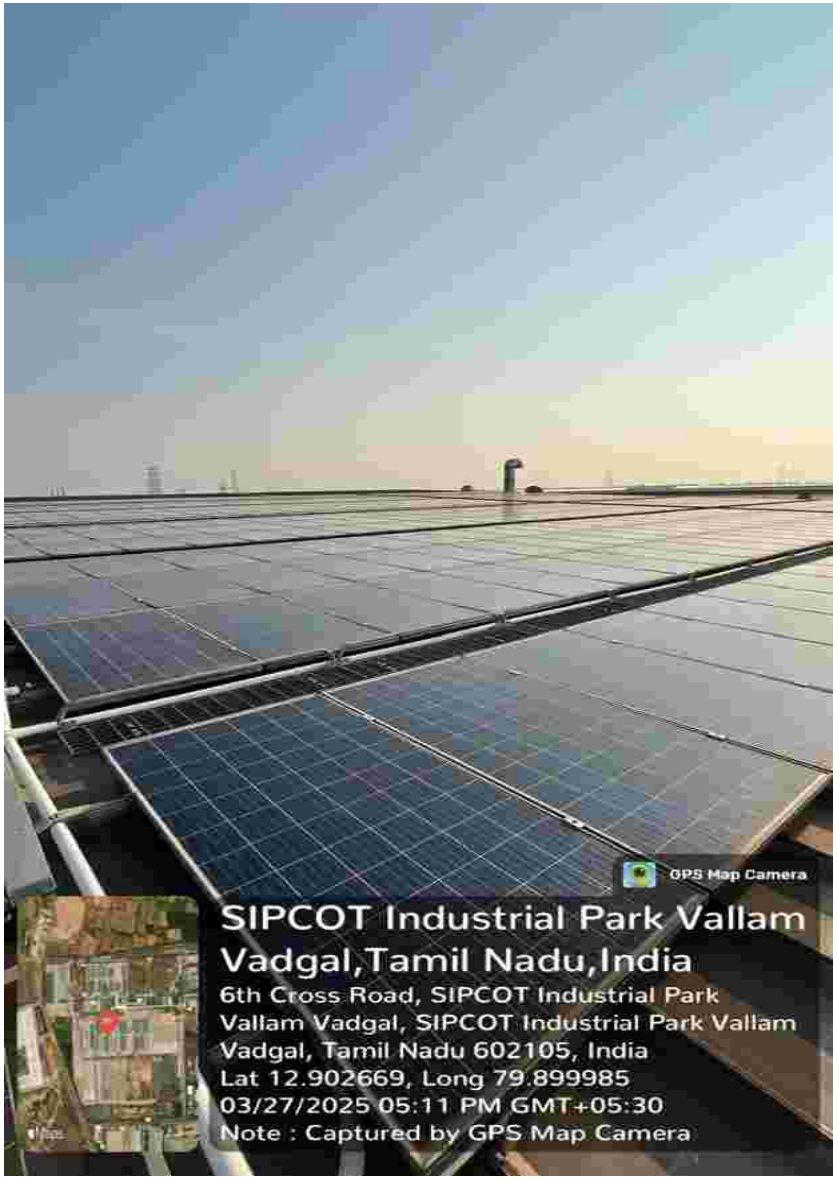
Details	Existing	Additional	Total after expansion	Source
Power Requirement (MVA)	5	2	7	TANGEDCO
Back-up(kVA)	750x2 500x3 1250x1 100x1	2015x1	750x2 500x3 1250x1 100x1 2015x1	DG sets
Boiler (T/Hr)	3x3	0	3x3	Steam Generation

Renewable Energy-Solar

Total roof area (Sq.m)	14459
Sq.m/1KW	12.00
KW	1204.92 (1338.80 kVA)
Sun hour/day	5.00
Average units/day	**6024.60**
Units/month (30 days)	**180738**

Solar panel


GPS Map Camera
SIPCOT Industrial Park Vallam
Vadgal,Tamil Nadu,India
6th Cross Road, SIPCOT Industrial Park
Vallam Vadgal, SIPCOT Industrial Park Vallam
Vadgal, Tamil Nadu 602105, India
Lat 12.902677, Long 79.899963
03/27/2025 05:11 PM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
SIPCOT Industrial Park Vallam
Vadgal,Tamil Nadu,India
6th Cross Road, SIPCOT Industrial Park
Vallam Vadgal, SIPCOT Industrial Park Vallam
Vadgal, Tamil Nadu 602105, India
Lat 12.902669, Long 79.899985
03/27/2025 05:11 PM GMT+05:30
Note : Captured by GPS Map Camera

Annexure-13

GSTIN:33BXTPP5188H1ZR

TAX INVOICE

JANAKI ENTERPRISES

NO.111/2, Sriperumbudur Road, Karasangal, Manimangalam,Kancheepuram - Dist. - 601 301.
97103 42117 / 80159 68304

To,
M/s. Harihparan Foundations (P) Ltd
No.114 Royapettah High Road
Royapettah Chennai - 600014
GSTIN: 33AAACH9715N1ZB

INVOICE NO.: 156
Date: 25/09/2025
Place of Supply : Tamil Nadu (33)
Site: Smcc India Yamaha motors
Vallam Vadagal - 602105

SL No.	DESCRIPTION OF GOODS	HSN/SAC CODE	QTY	UNIT	PRICE	Amount Rs.
	To supply of.					
	4" Solid Blocks	6810	500	Nos	37	18,500.
	8" Solid Blocks	6810	100	Nos	57	5,700
						24,200
	P.O.No.: 2599, 1440					
	ADD : CGST		@	9%		2178
	ADD : SGST		@	9%		2178
					Round off:	
	Rupees: Twenty Eight thousand Five hundred Fifty six only.				Grand Total	Rs. 28,556

Terms & Conditions
1.Goods once sold will not be taken back.
2.Subject to Tamil Nadu Jurisdiction only.

For JANAKI ENTERPRISES

Receiver's Signature:

(Supplier of M.Sand, P.Sand, Blue Metal, Hollow Blocks, Solid Blocks &Bricks.)

rights to cancel the Purchase order.
3. All Delivery challan shall be duly verified and certified by our site incharge.

PO No : HFPL/PO/025/99

birlanu

TAX INVOICE

GSTIN Number	: 33AAACH2676Q1Z7
PAN Number	: AAACH2676Q
CIN Number	: L74999TG1955PLC000656
E-Mail Id	: info@birlanu.com
IRN ACK No	: 152523294937093
IRN ACK Dt	: 08.10.2025 09:47:00

BirlaNu Limited (formerly HIL Limited)
Kannigaipur Village,,Periapalayam
Road,Manjankarnai Post,

Tiruvallur Distt.
Uthukottai Taluk,,601102,Tamil Nadu
Phone No : 9445434917

IRN : a0e25b6393c0bc3a12b10bec5265a539b31fbc1d5d7bdb2e6d85ffc28fcedfc4

Invoice Number	: 2010149737	Date & Time of Preparation	: 08.10.2025 & 09:46:35
Invoice Date	: 08.10.2025	Transporter Name	: BHARATHI TRANSPORTS
SO Number & Date	: 1362258 & 07.10.2025	LR/RR Number & Date	: 1074
Order Ref & Dt	: PO & 07.10.2025	Vehicle/Lorry/Wagon No	: TN18BR9456
Delivery / OBD No	: 81818434	Gross Weight	: 10,115.000 KG (10.115 MT)
L/C Number		Net Weight	: 10,115.000 KG (10.115 MT)
Payment Terms	: Advance Payment	E-Way Bill No	: 971889062630
Delivery (Inco Terms)	: F.O.R	Insurance Policy No	: 5005002118P117410207

GST Range :	GST Division:	GST Commissionerate:	State GST
UTHUKOTTAI RANGE	GUMMIDIPOONDI	CHENNAI-OUTER	CIRCLE - MADHAVARAM

Bill to Party		Place of Supply	
1148648-HARIHARAN FOUNDATIONS PVT LTD NEW NO 114, OLD NO 248,NEW NO 114, OLD NO 248 ROYAPETTAH HIGH ROAD,ROYAPETTAH HIGH ROAD,CHENNAI CHENNAI,600014,Tamil Nadu	GST Number : 33AAACH9715N1Z8 PAN Number : AAACH9715N Phone Number : 9865114769 Place of Supply : 33 -Tamil Nadu	1148648-HARIHARAN FOUNDATIONS PVT LTD SMCC-INDIA YAMAHA MOTORS NO VV-1,SIPCOT INDUSTIRAL PARK VALLRUMBUDURAM VADAGAL,SRIPERUMBU DUR SRIPERUMBUDUR,602105,Tamil Nadu	GST Number : 33AAACH9715N1Z8 PAN Number : AAACH9715N Phone Number : 7200726233

Material Code	Description of Goods/Services & HSN / EAC Code	Quantity	UOM	Volume (in M3)	WLin KG	Unit Rate	Basic Amount	Discount (-)	Taxable Amount in INR
90310207	FLY ASH BLOCKS(AAC)600MM X 200MM X 200MM HSN - 68159910	340	EA	8.16000	4,760	116.79	39709.22	12,337.18	27372.04
90310205	FLY ASH BLOCKS(AAC)600MM X 200MM X 150MM HSN - 68159910	330	EA	5.94000	3,465	97.60	36909.63	8,984.88	19924.73
90310203	FLY ASH BLOCKS(AAC)600MM X 200MM X 100MM HSN - 68159910	270	EA	3.24000	1,890	62.75	16943.75	6,009.37	10934.38
Insurance									12.81
				Gross Amount			95562.30	27331.35	58,243.96

Lorry Driver's Signature :

Location Date:

Terms & Conditions:
1. Our responsibility ceases once the goods are delivered to the carrier/customer as applicable.
2. No claim would be considered for damage or leakage thereafter.
3. Materials once dispatched will NOT be taken back.
4. Other terms and conditions as mentioned overleaf are part and parcel of this supply transaction.
5. Weight is based on standard testing conditions.
Certified that the particulars given above are true and correct and the amount indicated represents the price actually charged and that there is no flow of additional consideration directly or indirectly from the buyer.

Signature of Supplier / Authorised Representative
For BirlaNu Limited (formerly HIL Limited)

Authorised Signatory

E & OE

ORIGINAL FOR BUYER

PIPES | CONSTRUCTION CHEMICALS | PUTTY | ROOFS | WALLS | FLOORS

Office No 1 & 2, L7 Floor, SLN Terminus, Sy. No. 133, Near Botanical Gardens, Gachibowli, Hyderabad - 500032, Telangana, India
CIN: L74999TG1955PLC000656 | +91 40 6824 9000 | customercare@birlanu.com | www.birlanu.com

Information: Please note that the Ministry of Corporate Affairs has approved the application for the change of the Company's name from HIL Limited to BirlaNu Limited, effective March 19, 2025, in pursuance of this name change, and in accordance with the law, the Company is issuing the invoices and/or notes/credit notes from BirlaNu Limited. The payment/Cheques going forward has to be made/issued in the name of BirlaNu Limited. There is no change in the account number and virtual account number used earlier.

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

[Under rule 4 and 6 of E-Waste (Management) Rules 2022]

EPR REGISTRATION CERTIFICATE OF PRODUCER

[EXTENDED PRODUCER RESPONSIBILITY (EPR) Targets / Obligations for Producer of the Electrical & Electronic Equipment]

Ref: Registration on the Portal for following Electrical & Electronic Equipment under E-Waste (Management) Rules, 2022

I. **Screen, Electronic Photo Frames, Electronic Display Panel, Monitors :(CEEW6 - Screen, Electronic Photo Frames, Electronic Display Panel, Monitors);**

1. **EPR Registration Certificate Number: B-29016(11519)(EPR-Registration)/25/WM-III Date:03-10-2025**

2. **M/S M/s India Yamaha Motor Private Limited A-3, Industrial Area Dadri road, Surajpur, Noida Gautambuddha Nagar Noida 201306 is hereby granted Registration on the portal based on the sales data and declaration:**

3. **M/S M/s India Yamaha Motor Private Limited shall meet the yearly recycling target of e-waste generated from following EEE items as per the table given below:**

Financial Year	Recycling Target for below mentioned EEE code in Weight (MT)
	CEEW6 - Screen, Electronic Photo Frames, Electronic Display Panel, Monitors
2025-2026	11.071000
2026-2027	0.882000
2027-2028	0.528000
2028-2029	4.128000
2029-2030	26.376000

4. **The EPR Registration Certificate of M/S M/s India Yamaha Motor Private Limited shall be valid for a period of five (5) years from date of issue with following conditions:**

i. You shall create awareness through media, publications, advertisements, posters or by any other means of communication;

ii. You shall file annual returns in the laid down form on the portal on or before 30th day of April following the financial year to which that returns relates;

iii. The producer shall fulfil their extended producer responsibility obligations through online purchase of extended producer responsibility certificate from only those recyclers having obtained recycler registration certificate from CPCB through the EPR

'परिवेश भवन' पर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032
दूरभाष/Tel : 43102030, 22305792,वेबसाईट/Website : www.cpcb.nic.in

portal and whose name appears as registered recyclers on the EPR portal themselves and submit it online by filing quarterly return;

5. General Terms & Conditions of the Authorisation:

a. The producer shall comply with provisions of the Environment (Protection) Act, 1986 and the E-waste (Management) Rules, 2022 made there under;
b. An application for the renewal of registration shall be made before 120 days of expiry of this EPR Registration Certificate
c. The Board reserves right to cancel/amend/revoke the registration at any time as per the policy.

6. Additional Conditions: -

a. That the applicant will regularly update sales data on the portal and also submit annual sales data along with annual return on the portal;
b. That the applicant has to submit to CPCB every quarter quarterly returns in the laid down form on the portal on or before the end of the month succeeding the quarter;
c. That the applicant has to submit Enclosure - A of the self-declaration whenever it launches any new model of its product;
d. That the applicant has to provide RoHS information on the booklet and brochures of their Products;
e. That the applicant has to maintain all the technical documentation on RoHS as per EN50581 for verification by CPCB/SPCB officials whenever required;
f. In case of any difference, between the details provided by producer and registered recycler the lower figure shall be considered towards fulfilment of extended producer responsibility obligation of the producer;
g. In case of any violation of the above condition or violation of the rules provisions, your EPR Registration Certificate will be revoked/cancelled;
h. Environmental compensation charges as deemed fit will shall be imposed for failing to meet recycling target or any other violation under the E-Waste Rules;

Additional Text For Certificate:-

YOUTHIKA Digitally signed by YOUTHIKA
Date: 2025.10.03 17:47:10 +05'30'

'परिवेश भवन' पर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032
दूरभाष/Tel : 43102030, 22305792,वेबसाईट/Website : www.cpcb.nic.in

Authorized signatory
(With designation)

Youthika
Additional Director &
Divisional Head, WM-III Division
Central Pollution Control Board
Ministry of Environment Forest & Climate Change, Govt of India
Parivesh Bhawan, East Arjun Nagar
Delhi-110 032

To,

M/s India Yamaha Motor Private Limited
A-3, Industrial Area
Dadri road, Surajpur, Noida Gautambuddha Nagar,201306

Existing and proposed vehicular movement in SH-120 -WALAJABAD - KILACHERI ROAD

Type of Vehicle	Existing vehicles	Existing PCU	Proposed vehicles	Proposed PCU	Total vehicles after project implementation	PCU Factors IRC (SP 41)	Total PCU after project implementation
2 wheelers	1910	1433	278	209	2188	0.75	1641
3 wheelers	426	852	0	0	426	2	852
4 wheelers/ cars	942	942	178	178	1120	1	1120
Trucks/ Bus/HCV	508	1880	220	814	728	2.2	1602
Agricultural tractor	15	60	0	0	15	4	60
Light emission vehicle-LCV	456	638	0	0	456	2.0	912
Total	**4257**	**5805**	**676**	**1201**	**4933**	**-**	**6187**

Traffic Volume after Implementation of the Project

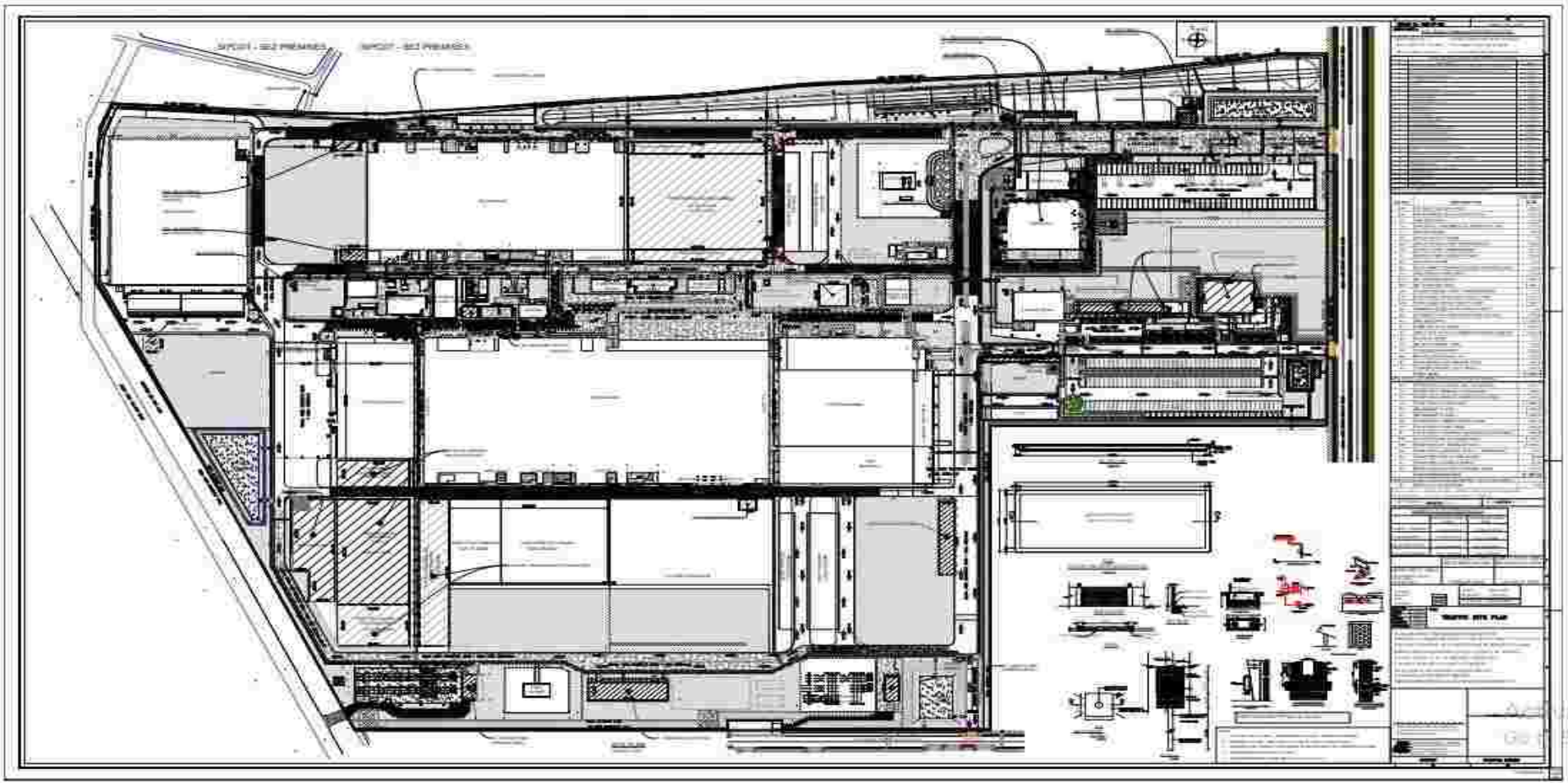
For the Road	Volume of Traffic	Volume (V)	Road Capacity (C)	V/C Ratio	LOS Category*	Traffic Classification
Existing	4257	5805	35000	0.17	"A"	Free Flow Traffic
After implementation	4933	6187	35000	0.20	"A"	Free Flow Traffic

Categorization of traffic

S. No	Level of Service	V/C	Classification
1	A	<0.35	Free flow Traffic
2	B	0.35-0.55	Stable traffic flow
3	C	0.55-0.77	Restricted flow
4	D	0.77-0.92	High Density flow
5	E	0.92-1.0	Unstable flow
6	F	>1.0	Forced traffic Flow

Due to proposed project there will be increase in the vehicular movement but the level of service (LOS) anticipated will be Free traffic flow.

Traffic Circulation Plan



EHS Organization Chart:-

Annexure-16

D Hari Baskar, T1
Dy. Div / Dept. Head

Nawab Mirza, P4
Dy. Dept Head

Jefferson Jayanth, P2
Safety Officer

Dharanivasan R, P1
Environment Officer

Pandiyarajan P1
Safety Officer

Hari Prasad E2
Environment Officer

Elakkiyan E2
Safety Officer

YAMAHA
Revs Your Heart

INDIA YAMAHA MOTOR PVT. LTD.

Works: A-3 Industrial Area, Noida - Dadri Road, Surajpur - 201306, Distt. G.B. Nagar (U.P) INDIA.
Phone: +91-120-2350634 (6 Lines). Fax: +91-120-2350632, 2350642. http://www.yamaha-motor-india.com
Email: info@yamaha-motor-india.com. CIN: U34200DL2007PTC169496

Works: Plot No VV-1, SIPCOT Industrial Park, Vallam Vadagal, Sriperumbudur, Tamil Nadu - 631604, INDIA
Phone : +91 44 67167700. http://www.yamaha-motor-india.com
Email: info@yamaha-motor-india.com. CIN : U34200DL2007PTC169496

15th September 2025

IYM/ TNPCB- DEE/ Form 5 / September 2025/ 1 /2025

To,
District Environmental Engineer,
Tamil Nadu Pollution Control Board,
CP5B, Sipcot Industrial Growth Centre,
Oragadam, Sriperumbudur - 602 102.

Dear Sir/Madam,

Sub: Submission of Form – V - reg
Ref: Water Consent No: 2408155770128 . Air Consent No : 2408255770128

Herewith enclosed the Form-V Environmental Statement for the year 2024-2025.
Kindly acknowledge the same for our records.

Thanking you,

Yours faithfully,
For India Yamaha Motor Pvt Ltd.,

INDIA YAMAHA MOTOR PRIVATE LIMITED * CHENNAI *

Authorised Signatory

மாவட்ட சுற்றுச்சூழல் பொறியாளர் அலுவலகம்
த.நா.மா.க. வாரியம்
29 SEP 2025
திருப்பெரும்புதூர்
(இ) ஓரகடம்
காஞ்சிபுரம் மாவட்டம்

Enclosure:
1.Form - V

FORM V
(See Rule 14)
ENVIRONMENTAL STATEMENT for the year 2024-2025

PART A

i).Name and address of the owner / occupier of the industry, operation or process.	India Yamaha Motor Private Limited Plot No.VV-1, Vallam Vadagal Village, Sipcot Industrial Complex, Sriperumbudur Tk, Kanchipuram - 602 105
ii).Industry category Primary - (STC code) Secondary - (SIC code)	Red - Large
iii).Production capacity - As per Consent	Motorcycle - 35,000 Nos/month Scooter - 45,000 Nos/month
iv) Year of establishment	2015
v) Date of the last environment statement submitted	26.09.2024

PART B

Water and Raw Material Consumption

I) Water consumption : -

Category of water	Water consumption (KL / Day) 2023-2024	Water consumption (KL / Day) 2024-2025
Process(in KL)	42,223	47,223
Cooling(in KL)	2,754	3,014
Domestic (in KL)	83,319	1,06,288
Production Details	5,58,977	6,05,179

Name of Products	Process water consumption per unit of product output	
	During the Previous financial year 2023 - 2024 (1) - KL	During the current financial year 2024 - 2025 (2) - KL
Motorcycle	0.080	0.083
Scooter		

II) Raw material consumption :

Name of Products	Name of raw materials	Consumption of raw material per unit of output During the current financial year (Apr 2024 ~ Mar 2025)
Motorcycle & Scooter	Steel	Motor cycle - 10.26 kg/Veh
		Scooter - 6.13 kg/Veh
	Aluminium	Motor cycle - 42.38 kg/Veh
		Scooter - 25.31 kg/Veh

* Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to be name the raw materials used

1. Substituted by G.S.R. 386, Environment dated 22nd April 1993 (with effect from 28th April 1993) for the Form inserted by G.S.R. 329, Environment , dated 13th March 1993 (with effect from 13th March 1992)

FORM - V

PART C

Pollution discharged to environment / unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed standards with reasons
a) Water	Nil (ZLD installed)	Nil	Nil

PART D

Hazardous Wastes
[As specified under Hazardous Wastes (Management and Handling) Rules,2016]

Hazardous Wastes		Total Quantity (Kg)	
		During the previous financial year (2023-2024)	During the current financial year (2024-2025)
5.1	Used / Spent Oil	3.46	1.208
5.2	Waste / Residues containing oil	2.32	6.1
12.5	Phosphate Sludge	5.28	2.53
20.2	Spent Solvents	0	0
21.1	Process Waste,Residues & Sludges	234.88	320.97
33.1	Discarded containers	53.18	66.1
35.2	Spent Ion Exchange Resin containing toxic metals	0	0
35.3	Chemical Sludge from ETP	62	75.42

PART E

Solid Wastes

		Total Quantity	
		During the previous financial year (2023-2024)	During the current financial year (2024-2025)
a) From process			
1. MS Metal Scrap		958 T	1121 T
2.Aluminum Scrap		544 T	547T
3.Corrugated Boxes		317 T	395 T
4.Plastic / polythene Waste		119 T	222 T
5.Wooden Scrap		105 T	148 T
6.Miscellaneous + Commercial+Mixed solid Scrap		464 T	580 T
b) From pollution control facilities		NIL	NIL
c) 1. Quantity recycled or re-utilised within the unit (Al)		963233 kg	1033028 kg
2. Sold	Aluminium	Entire	Entire
	Steel	Entire	Entire
3. Disposed		Nil	Nil

ENVIRONMENT (PROTECTION) ACT, 1986

PART F

Please specify the characterisations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1. 3 Bin System has been followed to segregate and dispose the Hazardous and Non Hazardous Wastes in all Shop Floors.
2. Hazardous Wastes generated (Existing - 8 & New - 3) from the process are sent for Recycle & Co-processing in Cement Kiln to reuse the wastes so that these wastes are used as Alternate Fuel Resource.

* Recycle	5.1 Used / Spent oil	
	33.1 Empty paint container	
* Co-processing	35.3 Chemical sludge from waste water treatment	35.2 Spent ion exchange resin containing toxic metal
	5.2 Waste / residue containing oil	1.1 Furnace or reactor residue and debris
	12.5 Phosphate sludge	5.3 Waste cutting oils
	20.2 Spent solvent	36.2 Spent carbon or filter medium
	21.1 Process waste , residue & sludge	

PART G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

1. Sewage water is treated in Sewage Treatment Plant and the treated water is being used for green belt development & Toilet flushing purpose.
2. Effluent water from process is treated and reused in the process by Zero Liquid Discharge Technology. Final Reject from RO Plant is sent to Multi Stage Evaporator and the recovered salt is disposed safely to TSDF
3. 4 Rain Water Harvesting Ponds have been constructed to collect rain water and recharge the ground water table & revamping work is on going
4. Rain Water is stored and reused for domestic purposes to reduce fresh water consumption
5. 4.6 MW Solar Power Plant has been installed and utilizing around 23% of total power

PART H

Additional measures / investment proposals for environmental protection including abatement of pollution, prevention of pollution.

1. In ABS Paint Shop, Palm Rock Filter with Activated Carbon has been installed to control VOC Emissions & Air Pollution.
2. VOC Monitor system upgradation in ABS Paint Shop
3. Weather monitor system upgradation

PART I

Any other particulars for improving the quality of the environment including abatement of pollution, prevention of pollution.

1. Around 25% of the total area has been covered under Green Belt. More than 5000 tree saplings have been planted in and around the factory premises
2. Solvent Recovery System has been installed to recycle and resue the waste solvents in the ABS Paint Shop and Casting Shop
3. Carbon Neutrality System implemented to reduce Carbon Emission from all processes
4. VFDs are installed in Paint Shop to reduce Energy Consumption
5. Waste Heat Recovery System has been started to recover heat and utilize as alternative energy
6. Shifting to PNG has been initiated to reduce carbon emissions
7. Installation of Energy Saving Fans in Canteen and VFD for blowers has been planned to reduce Energy Consumption
8. Replacement of Bay light into LED light for energy saving performance

Annexure-18

M/S. INDIA YAMAHA MOTOR PVT LTD.

PLOT AREA VV-1 = 1,00,379.00 SQ.M
PLOT AREA VV-1(PART) = 1,05,884.84 SQ.M
TOTAL AREA OF PLOT = 2,06,263.84(1,48,104.36 SQ.M

AREA DETAILS (EXISTING + PROPOSED AREA)

SR.NO.	DESCRIPTION	SQM
24	EG BUILDING including DG SHED	436.35
25	R&D BUILDING	97.39
26	YM Office, ATM, Medical Room, Creche	757.85
27	DRIVER ROOM	40.00
28	TRUCK SCALE ROOM	7.50
29	FIRE STATION	153.25
30	SWITCH YARD (YAMAHA MAIN)	251.68
31	SWITCH YARD (VENDOR PARK)	251.68
32	LPG MCC ROOM	14.03
33	TEST TRACK CONTROL ROOM	36.90
34	FIRE WATER TANK SHED	152.46
35	GUARD HOUSE-1	6,857.40
36	GUARD HOUSE-2	51.00
37	PURCHASE OFFICE	2,719.72
38	SKD BUILDING	2,769.60
39	TEMP. PALETTE SHED	675.00
40	SMCC SITE OFFICE (YAMAHA TRAINING	1,026.91
41	HR HELP DESK	77.78
42	METER STATION - PNG	29.10
43	COVERED WALKWAY	251.24
44	BD BUILDING TOILET-06	142.84
45	RAIN WATER CATCHBASIN SHED	40.00
46	TRAINING ROOM (TEST TRACK)	109.56
47	YM POLE FOUNDATION	2.40
	Added Area	17,190.74
48	PROPOSED DG SHED	257.17
49	PROPOSED TRAINING ROOM (OHC)	130.54
50	PROPOSED VENDOR FEBRICATION SHED	94.52
51	PROPOSED EG BUILDING	11,986.40
52	MEZZANINE FLOOR 1	1,196.40
53	MEZZANINE FLOOR 2	1,196.40
54	PROPOSED COMPRESSOR ROOM	426.00
55	PROPOSED COMPRESSOR ROOM (FIRST FLOOR)	426.00
56	PROPOSED PUMP SHED	440.00
57	PROPOSED COVERED WALKWAY (EG BL	106.23
58	PROPOSED MC STORAGE SHED	5,323.00
59	PROPOSED GASOLINE SHED-1	15.53
60	PROPOSED FIRE STORE ROOM	29.00
61	PROPOSED GUARD ROOM-01	26.52
62	PROPOSED STP (20KLD)	450.00
	Total Proposed Area	22,110.66

AREA DETAILS (PROPOSED EXPANSION AREA)

	TOTAL FSI AREA (APPROVED AREA + REVISED AREA + PROPOSED EXPANSION)	
	TOTAL FSI AREA = 1,48,379.00+ 22,110.66 = 1,70,989.66	
	PLOT COVERAGE = 66,750.54 / 4,48,104.36 * 3.29%	FSI = 1,70,989.66 / 4,48,104.36 *0.38

PARKING CALCULATION DETAILS

	REQUIRED AREA SQM	PROVIDED AREA SQM
LORRY PARKING	2356.00 SQM	1382.05 SQM
CAR PARKING	1496.00 SQM	4063.10 SQM
TWO WHEELER	4812.00 SQM	6431.80 SQM
CYCLE PARKING	2973.00 SQM	3126.15 SQM

GREEN BELT AREA

GREEN BELT AREA REQUIRED IN SQM	GREEN BELT AREA PROVIDED IN SQM
112026.09 SQM	1,12,857.28 SQM

FEMALE - 100

TOTAL LOAD - 27347HP

PLAN SHOWING THE PROPOSED FACTORY FOR M/S.INDIA YAMAHA MOTOR PVT LTD.,IN PLOT NO:VV-1 & VV-1 PT VALLAM-VADAKKU-A (PALNALLUR) & BUDANUR VILLAGES, SIPCOT INDUSTRIAL PARK IN S.NO:17 (PART), 18, 16(PART), 19,19/3A,19/5,20, 21, 22, 23, 24(PART), 25(PART),26, 27(PART), 28 (PART), 29 (PART), 83/1(PART), 82/1A1(PART), 82/1A2(PART)82/1A3(PART),85, 85/1(PART), 85/2(PART),87/1B(PART), SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.

OWNER / OCCUPIER

ARCHITECT | STRUCTURAL ENGINEER

REGD.ARCHITECT/LICENSED SURVEYOR
M/S ASWATHA N.R.S.R.S.(AAAA 2006 / B.E.P.W.)
REGD.ARCH.NO.CA/77/3816

ASWATHANARAYANA & ESWARA CONSULTING ENGINEERS & ARCHITECTS
CONSULTANTS FOR STRUCTURES
NO.164,G.S.T.RD. CHAROKKAITTTAM HIGH ROAD, ROYAPETTAH CHENNAI-600014

TITLEDWG.NO. CUS 1500x 900

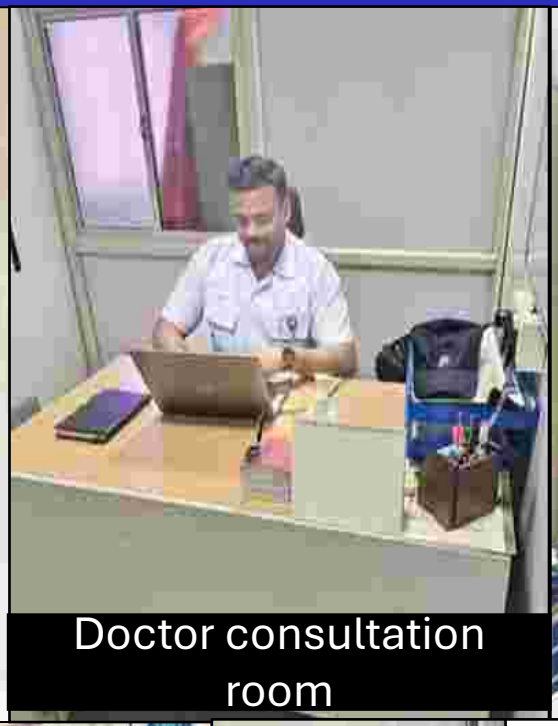
SITE PLAN
(SCALE 1:100)

NOTE:
1. TYPE OF FIRE HAZARD :- WAREHOUSE BUILDING - MODERATE HAZARD.
2. DESIGNED AS PER: - NBC- PART-IV (2016), IS-13039, IS-3844, IS-2190
3. HYDRANT LINE TAPPING CONSIDERED FROM EXISTING FIRE HYDRANT NETWORK.
4. FIRE SPRINKLER PIPE M.S 'C' CLASS
5. SYSTEM DESIGNED AS PER NBC-IV (2016) & IS 15105.

Occupational Health Centre - IYM CHE

Annexure-19

YAMAHA



Doctor consultation room

Reception Area

Treatment room

O2 Cylinders

Ambulance

Procedure room

S. No.	Description	Unit	Proposed Greenbelt within Project Site
1	Total Area of Green Belt	Sq.m	1,12,857.28
2	Percentage of Total Project Area	%	25.02 (Complies with the minimum requirement of 10%)
3	Required Trees @ 2,500 Trees/Ha	Nos.	28,214
4	Plantation Target @ 120% Recovery (1.2 Times)	Nos.	33,857
5	Actual No. of Plants Present	Nos.	4985
6	Additional Saplings to be Planted	Nos.	28872

Proposed green belt Species as per TNSEAC recommendations

SNo	Plant species proposed	Common name
1	Toona ciliate	SandhanaVembu
2	*Thespesia populnea*	Poovarasu
3	*Bauhinia purpurea*	Mantharai
4	*Cassia fistula*	Sarakondrai
5	*Calophylluminophyllum*	Punnai
6	*Albizia lebbeck*	Vaagai
7	*Cassiaroxburghii*	Sengondrai
8	*Moindacitnfolia*	VellaiNuna
9	*Pongamia pinnata*	Pungam
10	Pterocarpus marsupium	Vengai

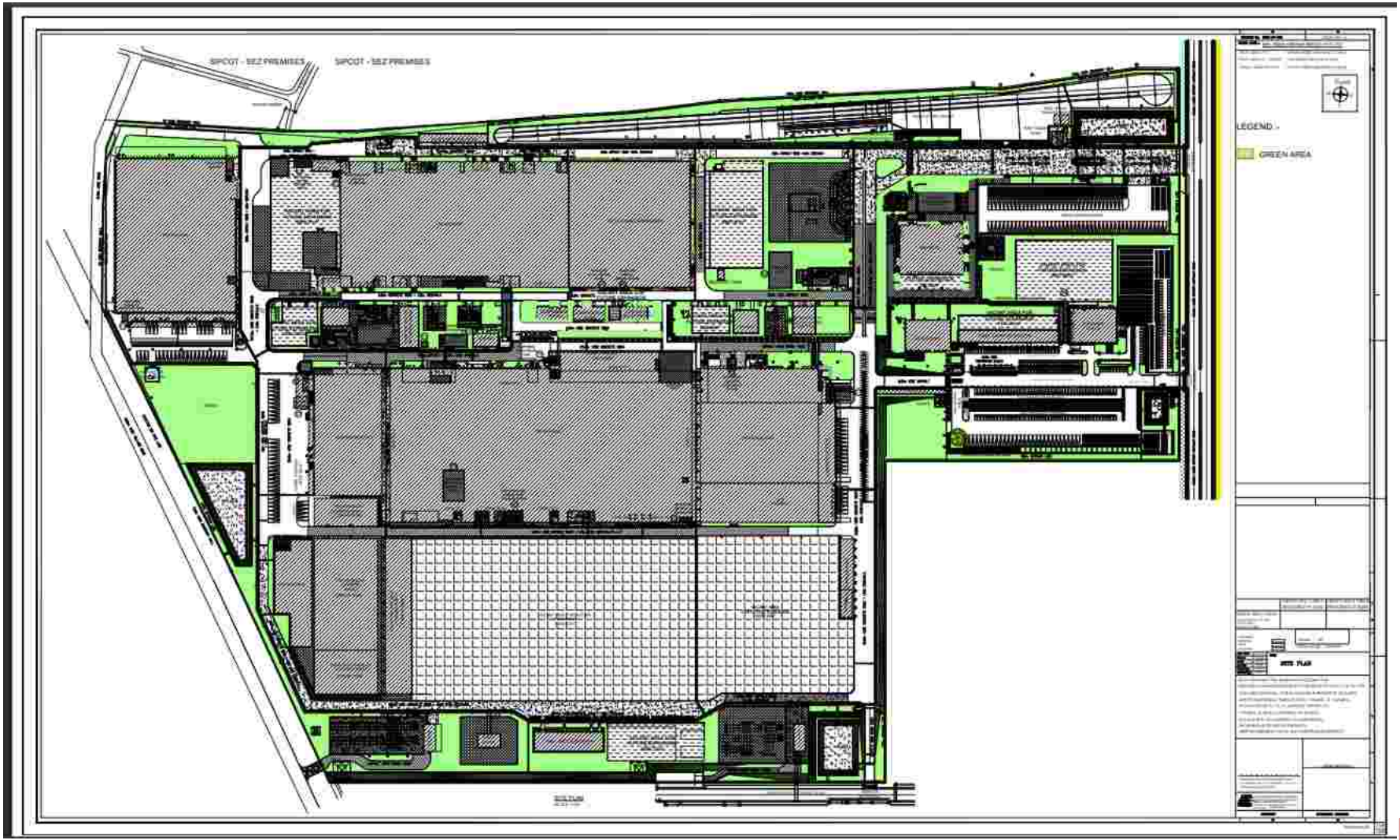
Greenbelt Development –Trees within the site

S. No.	Tamil Name	Nos.
1	Poovarasan	510
2	Thekku	190
3	Mahilam	110
4	Pungai	160
5	Etti	180
6	Veppam	1220
7	Palms	110
8	Naval tree	120
9	Magakani	140
10	Katuva tree	150
11	Banana tree	207
12	Poo maram	220
13	Gauva tree	175
14	Seetha maram	170
15	Arasa maram	210
16	Murungai maram	160
17	Puliya maram	170
18	Maa-maram	160
19	Iluppai maram	100
20	Kodukayalpuli tree	145
21	Nochi tree	135
22	Othi tree	120
23	Tower area tree (Veppam, Pungam)	123
Total	Trees	4,985

Slide - 3

Greenbelt photos

Greenbelt Layout



List of Hazardous Substances & Quantity Stored:

SL NO	Consolidated	Quantity	Mode of Storage	Temperature in °C	Pressure	Above ground / Under ground
1	GASOLINE yard -1	10 KL	Tank	Ambient	Atmospheric	underground
	GASOLINE yard -2	1 KL				
	GASOLINE yard -3	600L				
2	LPG (MT)	0.430	Mounted bullet	Ambient	7 bar	Above ground
3	HSD(KLD)	3.512	Tank	Ambient	Atmospheric	underground

The key components of a HIRA study, especially as per IS: 15656 (2006) standards, include:

Hazard Identification: Recognize all potential hazards that may cause harm, including physical, chemical, biological, ergonomic, and psychosocial hazards.

Risk Assessment: Evaluate each identified hazard's risk by determining the likelihood of occurrence and the potential severity of consequences.

Risk Evaluation: Compare the risk levels against predefined criteria to decide if the risk is acceptable or requires further control measures.

Control Measures: Implement strategies to eliminate or reduce risk, following a hierarchy:

- •Elimination
- •Substitution
- •Engineering Controls
- •Administrative Controls
- •Personal Protective Equipment (PPE)

Documentation: Record the findings, including hazards, risk assessments, control measures, and action plans.

Review and Monitoring: Regularly review and update the HIRA process to ensure its effectiveness, especially when workplace changes occur, such as new equipment, processes, or regulations.

Risk Assessment- Basic Details

RISK MATRIX

Risk matrix is analysed by combination of Severity and Probability (product of severity and probability is calculated risk). Risk is evaluated based on following consequences and likelihood.

HIRA Matrices:

HIRA Matrices have been prepared for different activities during:

- Construction Phase
- Operation Phase
- Decommissioning Phase

Control Measures and Residual Risks have been Suggested / Calculated.

Table 16: HIRA matrix for Operational phase

Sl. No	Activity/ Element	Hazard	Consequence	Risk Rating				Existing/recommended Control Measures	Residual Risk			
				Severity	likelihood	Risk rating	cat		Severity	likelihood	Risk rtg	Cat
1.	Pressing Process	Overloading press machine, incorrect setup	Machine breakdown, injury to operator, product defects	4	3	12	H	Regular maintenance, safety interlocks on machines, proper operator training, real-time monitoring	2	2	4	M
2.	Welding Process	Exposure to high heat, welding fumes	Burns, respiratory issues, eye damage, fire hazards	4	5	20	V	PPE (welding masks, gloves, heat-resistant clothing), fume extraction systems, fire safety measures	3	2	6	M
3.	Die Casting Process	Molten metal splashes, mechanical failure	Burns, injury from hot surfaces, equipment failure	4	5	20	V	PPE (heat-resistant gloves, face shields), proper cooling systems, emergency stop mechanisms, machine inspections	3	2	6	M
4.	Heat Treatment Process	High-temperature furnaces, gas exposure	Burns, toxic gas inhalation, equipment malfunction	4	4	16	V	Furnace inspections, gas leak detection systems, PPE (heat-resistant clothing, masks), proper ventilation	3	2	6	M

Major Hazards/Risks Identified :

Operation Phase:

Exposure to Chemicals and other Occupational Health & Safety Hazards

Decommission Phase

Chemical spill, Fire/explosion, Structural Collapse, Exposure to toxic fumes, Electric shock, Confined space Entry etc.

Societal Risks Identified:

The scenario where vapour cloud dispersion, late pool fire and flash fire contours extend beyond the boundary of the project site raises the societal risk, particularly concerning nearby villages, nearby industries, transportation routes, and urban centres. While most of the risk contours are contained within the project site area, the potential for adverse impacts on surrounding communities, infrastructure, and population centres demands urgent attention.

Risk assessment → annexure 19 risk assessment report (1).pdf

SUMMARY – VAPOUR CLOUD DISPERSION – WORST CASE SCENARIO

•For LPG Tank, LFL Fraction received at maximum distance due to Vapour Cloud Dispersion in Catastrophic Rupture scenario is 105.57 m at 5m/s wind speed and stability classes D. The major receptors are employees within the facility.

SUMMARY – JET FIRE – WORST CASE SCENARIO

For LPG Tank, Radiation profile (4 kW/m2) received at maximum distance due to Jet Fire in Large Leak scenario is 35.122 m at 5m/s wind speed and stability classes D. The major receptors are employees within the facility.

SUMMARY – LATE POOL FIRE – WORST CASE SCENARIO

•For LPG Tank, Radiation profile (4 kW/m2) received at maximum distance due to Late Pool Fire in Catastrophic Rupture scenario is 17.1802 m at 5m/s wind speed and stability classes D. The major receptors are employees within the facility.

SUMMARY – FLASH FIRE – WORST CASE SCENARIO

•For LPG Tank, Radiation profile (4 kW/m2) received at maximum distance due to Flash Fire in Catastrophic Rupture scenario is 105.57 m at 5m/s wind speed and stability classes D. The major receptors are employees within the facility.

RISK ASSESSMENT- MITIGATION MEASURES FOR SOCIETAL I

Community Outreach and Education

- Engage with nearby residents to raise awareness about risks and emergency preparedness.
- Provide educational materials, conduct sessions, and establish community response teams.

Infrastructure Upgrades

- Invest in road enhancements and emergency shelters for efficient evacuation and response.
- Ensure transportation routes are accessible for emergency vehicles.

Emergency Response Planning

- Develop comprehensive emergency response plans with local authorities and stakeholders.
- Conduct regular drills and training for effective emergency handling.

Monitoring and Surveillance

- Implement real-time monitoring systems for air quality, weather, and vapour dispersion.
- Use advanced surveillance to detect and mitigate potential hazards.

Public Alert Systems

- Install public alert systems to provide timely warnings via sirens, texts, and social media.

Regulatory Compliance

- Adhere to relevant safety and environmental regulations.
- Regularly audit and assess compliance to address any gaps.

Collaboration and Coordination

- Foster collaboration among industry stakeholders, government agencies, and local communities.
- Establish communication protocols for coordinated emergency response.

Continuous Improvement

- Regularly evaluate and update risk management practices based on lessons learned and emerging threats.

Additional Measures

- Regularly inspect and repair leaks in storage areas.
- Develop and update emergency response plans and conduct drills.
- Install early warning systems for chemical releases or fires.
- Conduct public awareness programs and health surveillance.
- Ensure strict compliance with environmental and safety regulations.

RISK ASSESSMENT- MITIGATION MEASURES

Recommendations for tanks:

- **Emergency relief valves:** Required for tanks that store pressurized liquids or gases
- **Level gauges:** Transparent or electronic gauges that allow you to monitor the tank's contents
- **Ventilation systems:** Exhaust vents at the top of the tank and makeup air vents at the bottom
- **Bund walls:** Provide an extra layer of protection in case of leaks or spills
- **Spill trays:** Provide an extra layer of protection in case of leaks or spills
- Protect tanks from ignition and heat, and keep them away from combustible materials
- Install alarm systems to monitor for potential leaks
- Do not store cryogenic tanks (liquid nitrogen, liquid argon, etc.) in confined spaces.
- Wear the appropriate clothing and PPE when working and transferring cryogenic materials

Storage and Handling of Chemicals:

- Proper Labeling and Signage to clearly identify hazardous materials and communicate their risks to workers.
- Use of Appropriate Containers and storage methods to prevent leaks, spills, or contamination of hazardous substances.
- Training Workers on safe handling procedures, emergency response, and proper use of protective equipment when dealing with hazardous materials.
- Implementation of Spill Containment Plans to quickly address and contain leaks or spills, ensuring minimal environmental impact.
- Regular Inspections and Maintenance of storage facilities and equipment to ensure that hazardous materials are stored safely and securely.

RISK ASSESSMENT- MITIGATION MEASURES

Engineering Controls:
- Install closed-loop systems to minimize VOC emissions.
- Use automated systems to handle hazardous materials, reducing human exposure.
- Ensure proper labeling, storage, and containment of hazardous substances.

Administrative Controls:
- Develop standard operating procedures (SOPs) for handling raw materials and operating machinery.
- Conduct regular inspections and maintenance of equipment and storage systems.

Personal Protective Equipment (PPE):
- Provide workers with chemical-resistant gloves, goggles, respirators, and flame-retardant clothing.
- Train workers on the correct use and maintenance of PPE.

Emergency Preparedness:
- Install fire alarms, extinguishers, and emergency showers in strategic locations.
- Develop and regularly update an Emergency Response Plan (ERP), including evacuation procedures and first aid.
- Conduct biannual emergency drills to test preparedness.

Monitoring and Auditing
- Conduct real-time monitoring of VOC emissions and ambient air quality.
- Implement a robust Incident Reporting System to record and analyze any near-misses, accidents, or non-compliance events.
- Perform internal and third-party audits to ensure compliance with safety standards and environmental regulations.

Transportation Safety
- Use appropriately labelled, certified containers for the transportation of hazardous and flammable chemicals.
- Ensure transport vehicles are equipped with spill containment kits and fire extinguishers.
- Train drivers and logistics personnel on hazardous material handling and emergency response

Emergency Evacuation plan

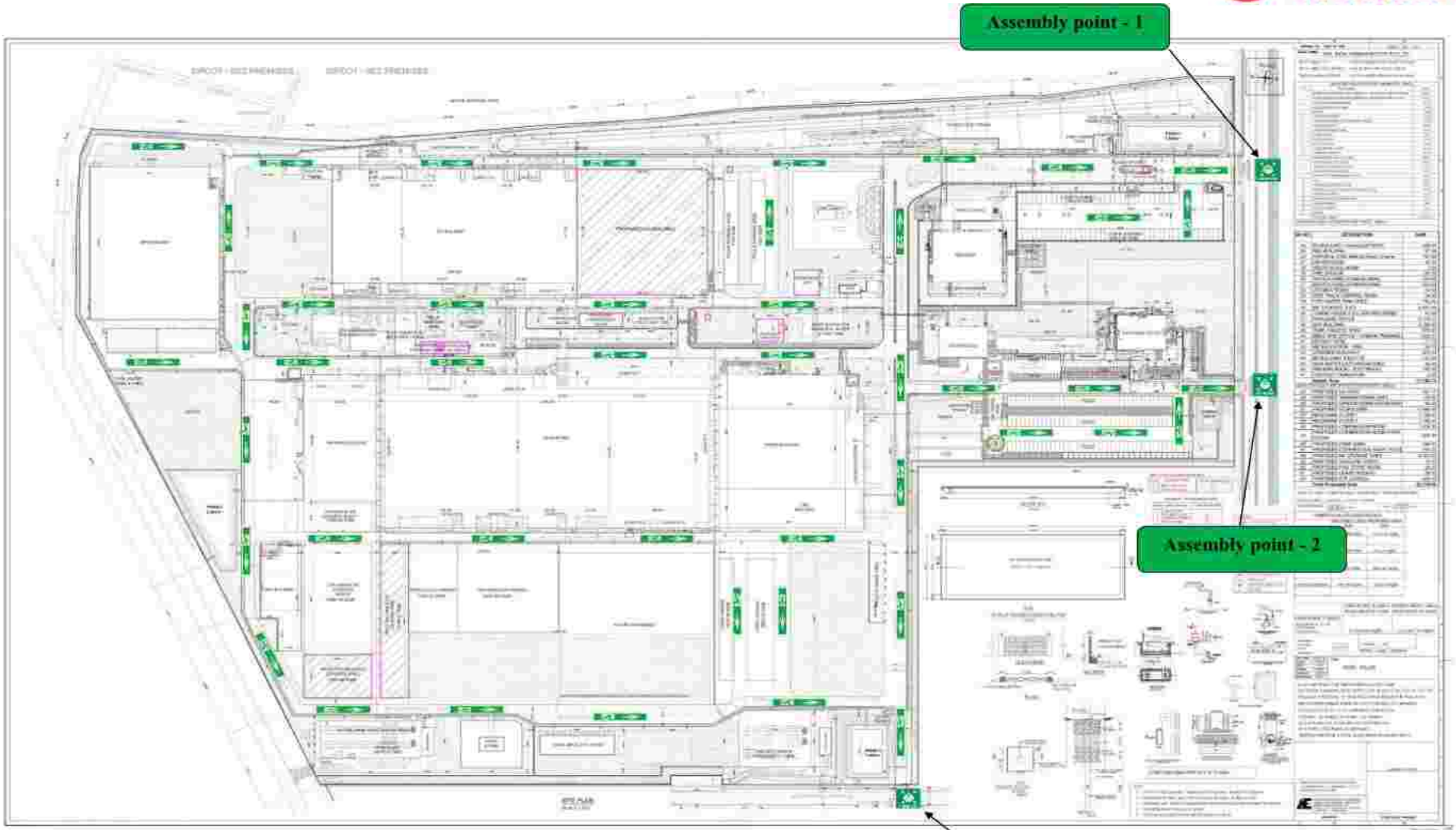


FIGURE 3: PROJECT LAYOUT

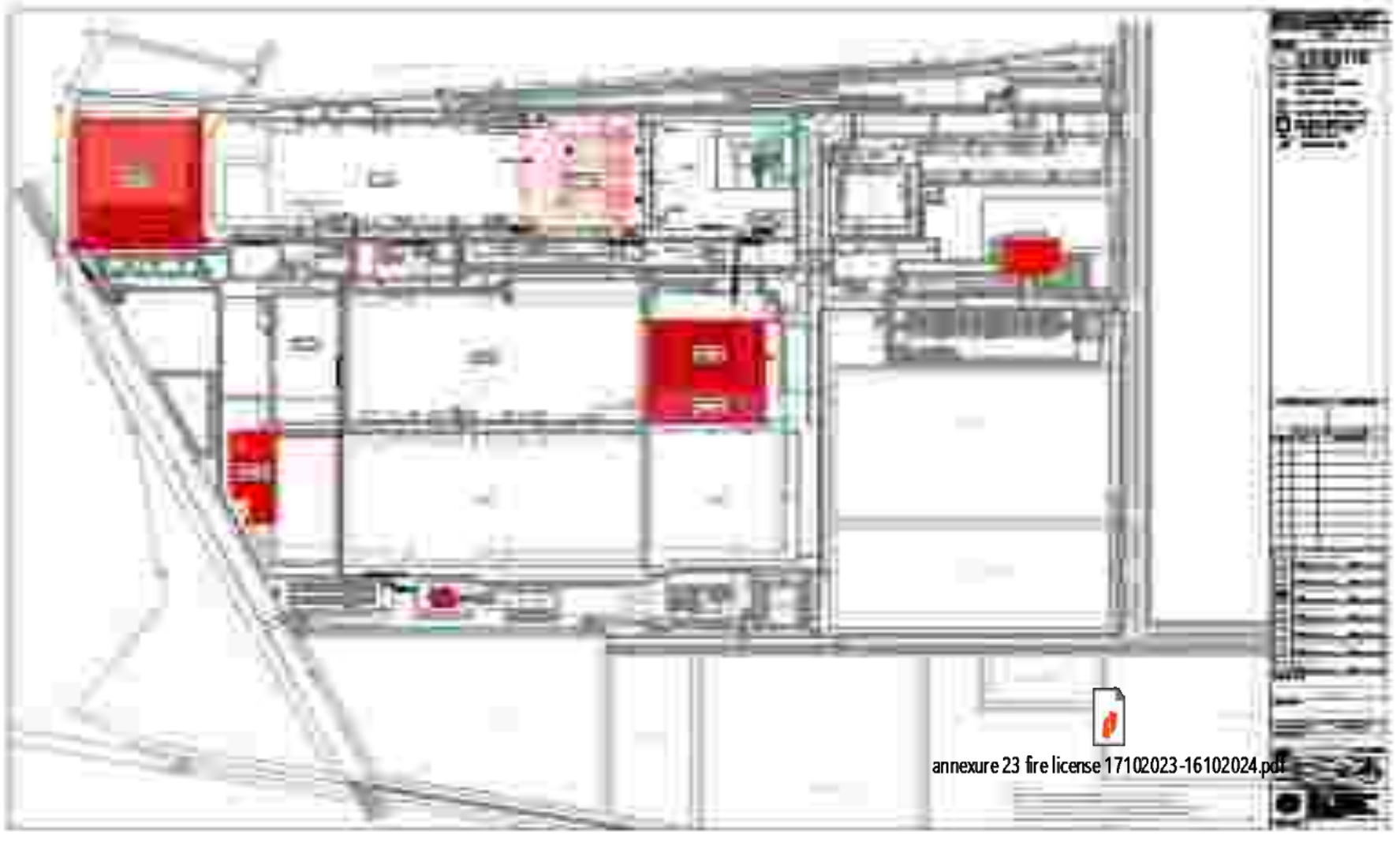
Fire extinguishers

Plant Inside Available Fire Extinguishers List				Overall Available Fire Extinguishers List				Stock Availability Of Fire Extinguisher List			
TYPE	CAPACITY	Quantity	Total Quantity	Type	Capacity	Quantity	Total Quantity	Type	Capacity	Quantity	Total Quantity
ABC	4 KG	53	585	ABC	4 KG	57	702	ABC	4 KG	4	117
	6 KG	513			6 KG	610			6 KG	97	
	9 KG	19			9 KG	35			9 KG	16	
DCP	75 KG	4	4	DCP	75 KG	4	4	DCP	75 KG	0	0
CO2	2 KG	2	183	CO2	2 KG	7	221	CO2	2 KG	5	38
	4.5 KG	163			4.5 KG	177			4.5 KG	14	
	6.5 KG	10			6.5 KG	22			6.5 KG	12	
	9.5 KG	2			9.5 KG	9			9.5 KG	7	
	22.5 KG	6			22.5 KG	6			22.5 KG	0	
M.FOAM	9 LIT	27	33	M.FOAM	9 LIT	39	48	M.FOAM	9 LIT	12	15
	50 LIT	6			50 LIT	9			50 LIT	3	
WATER CO2	9 LIT	9	9	WATER CO2	9 LIT	29	29	WATER CO2	9 LIT	20	20
TOTAL			814	TOTAL			1004	TOTAL			190

Fire Hydrant Details				
S.No	Location	Hydrant Qty	Monitor Qty	Total Qty
1	Purchase Building	3	0	3
2	BD Building	27	0	27
3	Canteen & Parts control area	13	0	13
4	EG Building	9	0	9
5	PAD [SPG]	15	0	15
6	Logistic	26	0	26
7	R&D	7	0	7
8	External	100	6	106
Total Qty				**206**

FIRE PUMP DETAILS					
Water Storage Tank Capacity		546 KL (2 sump available)			
Pump Name	TOTAL Head (m)	Discharge(m3/Hr)	PUMP Input (kw)	Connected Load (Recommended Prime Mover Rating) Kw	SPEED (Rpm)
Jockey Pump	70	10.8	6.559	7.5	2910
Hydrant Pump	70	273	73.813	90	1480
DG Pump	70	273	67.456	127	1500
Sprinkler Pump	70	273	73.913	90	1480

Fire safety systems layout



YAMAHA
Revs Your Heart

Emergency Scenario: Boiler Blast & Fire

Date/Time: 20th June 2026 – 14: 33PM

Site Location

Boiler Room

Scenario: Boiler Blast & Fire

Rescue

First Aid Treatment

Fire Fighting Team

Debriefing of Mock Drill

Category of the Industry :

RED

CONSENT ORDER NO. 2607273064387 DATED: 17/04/2026.

PROCEEDINGS NO.T7/TNPCB/F.0836SPR/RL//SPR/A/2026 DATED: 17/04/2026

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE FOR EXPANSION-II -M/s. INDIA YAMAHA MOTOR PVT LTD , S.F.No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District., VADAKAL A B C BLOCK village Sriperumbudur Taluk and Kancheepuram District - Consent for operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg. (Industry User ID- R16SPR3824325)

REF: 1.Latest CTO-Expansion –I vide Proc.No.T7/TNPCB/F.0836SPR/RL/SPR/ W&A/2026 DATED: 14/01/2026
2.Unit's application through OCMMS portal vide Application No. 73064387, dated 30-01-2026 for CTO Expansion Phase II
3.DEE/SPR IR.No : F.0836SPR/RL/AEE/SPR/2026 dated 09/04/2026
4.Minutes of 354th Board's Consent Clearance Committee meeting held on 26.03.2026 (CCC Item No. 354-04).

CONSENT TO OPERATE FOR EXPANSION is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Director

M/s . INDIA YAMAHA MOTOR PVT LTD

S.F No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District.

VADAKAL A B C BLOCK Village

Sriperumbudur Taluk

Kancheepuram District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending **March 31, 2027**

SPECIAL CONDITIONS

1. This consent to operate for Expansion is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	MOTOR CYCLE	35000	Numbers/Month
2.	SCOOTER	45000	Numbers/Month
3.	ELECTRIC BIKE	5000	Numbers/Year
4.	Manufacturing facility for motorcycles, scooters, and electric bikes with total built-up area of (Phase II)	170514.75	Sq.m

2. This consent to operate for Expansion is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

I	Point source emission with stack :			
Stack No.	**Point Emission Source**	**Air pollution Control measures**	**Stack height from Ground Level in m**	**Gaseous Discharge in Nm3/hr**
1	Aluminum Melting Furnace 1 No of 1 Ton/hr & 2 Ton/hr Capacity	Cyclone dust collector followed by wet scrubber with stack	17.5	
2	Annealing Furnace(LPG)	Stack	17.5	
3	Annealing Furnace(LPG)	Common stack	16.56	
4	Heat Treatment(Carburising furnace) & Prewashing	Stack	16.56	
5	Welding Line 1	Bag Filters with stack	16.56	
6	Pre Treatment (Degreasing	Stack	16.56	
7	Phosphating Section	Wet scrubber with stack	16.56	
8	ED Coating	Wet scrubber with stack	16.56	
9	ED Paint Shop Touch up Booth	Bag Filters with stack	16.56	
10	ED Paint Air Drying Zone(LPG)	Stack	16.56	
11	ED Paint Shop (Component Masking portion removal Section)	Stack	16.56	
12	Pre Heat Oven (LPG)	Stack	16.56	
13	Baking Oven(LPG)	Stack	16.56	
14	Pre Treatment (Degreasing/ Surface Conditioning)	Stack	16.56	
15	Air Blow Station Vent	Stack	16.56	
16	Dry Off Oven (LPG)	Stack	16.56	
17	Paint Mixing Room	Stack	16.56	
18	Paint Booth (Base Coat)	Stack	16.56	
19	Paint Booth (Top Coat)	Stack	16.56	
20	Baking Oven	Stack	16.56	
21	Vehicle Testing Area	Stack	16.56	
22	Engine Testing Area	Stack	16.56	
23	Boiler - 3T/hr each - 3 Nos. (LPG)	Common stack	17.5	
24	Aluminium Melting Furnace 1No of 2 Ton/hr Capacity, 2 nos of die casting machine melting furnance 0.5 Ton/hr Capacity	Individual suction connected to common duct is connected to cyclone dust collector followed by wet scrubber with stack	17.5	
25	Heat Treatment - 2 (Carburising furnace) & Prewashing	Stack	16.56	

26	Heat Treatment- 3 (Carburising furnace) & Prewashing	Stack	16.56	
27	Heat Treatment - 4 (Carburising furnace)& Prewashing	Stack	16.56	
28	Heat Treatment - 5 (Palfos)	Stack	16.56	
29	Welding Line - 2	Twin Bag Filters with stack	16.56	
30	Welding Line - 3	Twin Bag Filters with stack	16.56	
31	Welding Line -4	Twin Bag Filters with stack	16.56	
32	Vehicle Testing Area-2	Dust collectors with stack	16.56	
33	Vehicle Testing Area-3	Stack	16.56	
34	Chasis Dyno Testing -1 No	Stack	16.56	
35-36	Kitchen Area	Exhaust with filter	17.5	
37	DG Set - 1250 KVA	Acoustic enclosure with Stack and retrofit	20	
38	DG Set - 750 KVA	Acoustic enclosure with Stack and retrofit	20	
39	DG Set - 750 KVA	Acoustic enclosure with Stack and retrofit	20	
40	DG Set - 500 KVA	Acoustic enclosure with Stack and retrofit	20	
41	DG Set - 500 KVA	Acoustic enclosure with Stack and retrofit	18	
42	DG Set - 500 KVA	Acoustic enclosure with Stack and retrofit	11	
43	DG SET - 100 KVA	Acoustic enclosures with stack	11	
44	DG Set - 2015 KVA	Acoustic enclosure with Stack and retrofit	29	
II	**Fugitive/Noise emission :**			
Sl. No.	**Fugitive or Noise Emission sources**	**Type of emission**	**Control measures**	
1.	DG Sets	Noise	Accoustic Enclosure	
2.	Coating Booth	Fugitive	Filters with fume catcher	

3(a). The emission shall not contain constituents in excess of the tolerance limits as laid down hereunder :

Sl. No.	**Parameter**	**Unit**	**Tolerance limits**	**(1) (2) (3) (4) (5) (6)**

3.(b) The Ambient Air in the industrial plant area shall not contain constituents in excess of the tolerance limits prescribed below.

Sl. No.	**Pollutant**	**Time Weighted Average**	**Unit**	**Tolerance Limits**	
				Industrial, Residential, Rural and other area	**Ecologically Sensitive Area (notified by Central Govt.)**
1.	Sulphur Dioxide (SO2)	Annual 24 hours	microgram/m3 microgram/m3	50 80	20 80
2.	Nitrogen Dioxide (NO2)	Annual 24 hours	microgram/m3 microgram/m3	40 80	30 80
3.	Particulate Matter (Size Less than 10 micro M) or PM10	Annual 24 hours	microgram/m3 microgram/m3	60 100	60 100
4.	Particulate Matter (Size Less than 2.5 micro M) or PM2.5	Annual 24 hours	microgram/m3 microgram/m3	40 60	40 60
5.	Ozone (O3)	8 Hours 1 Hour	microgram/m3 microgram/m3	100 180	100 180
Sl. No.	**Pollutant**	**Time Weighted Average**	**Unit**	**Tolerance Limits**	**Industrial, Residential, Rural and other area**
					Ecologically Sensitive Area (notified by Central Govt.)
6.	Lead (Pb)	Annual 24 hours	microgram/m3 microgram/m3	0.5 1.0	0.5 1.0
7.	Carbon Monoxide (CO)	8 Hours 1 Hour	miligram/m3 miligram/m3	02 04	02 04
8.	Ammonia (NH3)	Annual 24 hours	microgram/m3 microgram/m3	100 400	100 400
9.	Benzene (C6H6)	Annual	microgram/m3	5	5
10.	Benzo(O) Pyrene (BaP) –particulate phase only	Annual	nanogram/m3	01	01
11.	Arsenic (As)	Annual	nanogram/m3	06	06
12.	Nickel (Ni)	Annual	nanogram/m3	20	20

3(c) The Ambient Noise Level in the industrial plant area shall not exceed the limits prescribed below:

Limits in L.eq.-dB(A)	**Day Time**	**Night Time**
IndustrialArea	**75**	**70**

4. All units of the Air pollution control measures shall be operated efficiently and continuously so as to achieve the standards prescribed in Sl. No.3 above.

5. The occupier shall not change or alter quality or quantity or the rate of emission or replace or alter the air pollution control equipment or change the raw material or manufacturing process resulting in change in quality and/or quantity of emissions without the previous written permission of the Board.

6. The occupier shall maintain log book regarding the stack monitoring system or operation of the plant or any other particulars for each of the unit operations of air pollution control systems to reflect the working condition which shall be furnished for verification of the Board officials during inspection.

7. The occupier shall at his own cost get the samples of emission/air/noise levels collected and analyzed by the TNPC Board Laboratory once in every 6 months/once in a year/periodically for the parameters as prescribed.

8. Any upset condition in any of the plants of the factory which is likely to result in increased emissions and result in violation of the standards mentioned in Sl.No.3 shall be reported to the Member Secretary / Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.

9. The occupier shall always comply and carryout the order/directions issued by the Board in this Consent Order and from time to time without any negligence. The occupier shall be liable for action as per provisions of the Act in case of non compliance of any order/directions issued.

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

Additional Conditions:

1.The unit shall comply with all the conditions prescribed in the Environmental Clearance issued by the SEIAA, TN vide File No.: 11745/EC Identification No. EC25B3813TN5181462N, Dated: 27.02.2025.

2.The CTO is issued to the unit in consideration of the particulars furnished by the unit in respect of the Annual melting capacity of the melting furnaces installed in the unit. The unit shall ensure that the melting capacity of the Aluminium melting furnaces shall not exceed 30000 T/Annum. If the melting capacity of the furnaces exceeds 30000 T/Annum or 0.03 MTPA then the unit should obtain fresh Environmental Clearance from TN-SEIAA.

3.The unit shall operate and maintain the existing APC measures attached to the various emission sources continuously and efficiently so as to achieve the emission/AAQ/Ambient Noise level standards prescribed by the Board.

4.The unit shall comply with the Ambient Noise Level standards prescribed by the Board.

5.The unit shall ensure that no additional emission sources are installed without obtaining CTE from TNPCB.

6. The unit shall comply with the MoEF & CC notification NO. S.O. 2215(E) dated 07.06.2024.

7.The unit shall continue to develop green belt and shall ensure that atleast 25 % of the total land area shall be developed as greenbelt by planting thick shaded native tree saplings within the premises and the unit shall continue to maintain the green belt.

8.The unit shall ensure that the operation of the unit does not invite any public complaints.

9.In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.

10.The unit shall furnish the Environmental statement for the financial year ending 31st March every year.

11.The unit shall furnish the Audited Balance Sheet every year for verification of the Gross Fixed Assets so as to collect the balance or arrears consent fee, if any. In case of any deviation in the Gross Fixed Assets furnished in future, the unit shall remit the difference in amount to the Board without fail

12.The unit shall not use single use plastics banned by Government of Tamilnadu vide G.O.(Ms) No.84 Environment and Forests (EC.2) Department dated: 25.06.2018 and by Government of India vide MoEF&CC Notification No.G.S.R571(E) dated:12.08.2021.

13.This consent order does not absolve from obtaining necessary permission / Clearance from other Authority or under other statutes as applicable.

14.The unit shall ensure that “Any step of the unit activity should not attract the EIA Notification 2006 as amended”.

GENERAL CONDITIONS

1. The occupier shall make an application along with the prescribed consent fee for grant of renewal of consent at least 60 days before the date of expiry of this Consent Order along with all the required particulars ensuring that there is no change in production quantity and emission.
2. This Consent is given by the Board in consideration of the particulars given in the application. Any change or alteration or deviation made in actual practice from the particulars furnished, in the application will also be ground for review/variation/revocation of the Consent Order under Section 21 of the Act.
3. The conditions imposed shall continue in force until revoked under Section 21 of the Act.
4. After the issue of this order, all the 'Consent to Operate' orders issued previously under Air (Prevention and Control of Pollution) Act, 1981 as amended stands defunct.
5. The occupier shall maintain an Inspection Register in the factory so that the inspecting officer shall record the details of the observations and instructions issued to the unit at the time of inspection for adherence.
6. The occupier shall provide and maintain an alternate power supply along with separate energy meter for the Air Pollution Control measures sufficient to ensure continuous operation of all pollution control equipments to ensure compliance.
7. The occupier shall provide all facilities to the Board officials for collection of samples in and around the factory at any time.
8. The applicant shall display the flow diagram of the sources of emission and pollution control systems provided at the site.
9. The liquid effluent arising out of the operation of the air pollution control equipment shall also be treated in a manner and to the satisfaction of standards prescribed by the Board in accordance with the provisions of Water (Prevention and Control of Pollution) Act, 1974 as amended.
10. The air pollution control equipments, location of inspection chambers and sampling port holes shall be made easily accessible at all time.
11. In case of any episodal discharge of emission, the industry shall take immediate action to bring down the emission within the limits prescribed by the Board.
12. If applicable, the occupier has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances.
13. The issuance of this consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse or in Government Poromboke lands.
14. The issuance of this Consent does not convey any property right in either real personal property or any exclusive privileges, nor does it authorize any injury to private property or Government property or any invasion of personal rights nor any infringement of Central, State laws or regulation.
15. The occupier shall forth with keep the Board informed of any accident of unforeseen act or event of any poisonous, noxious or polluting matter or emissions are being discharged into stream or well or air as a result of such discharge, water or air is being polluted.
16. If due to any technological improvements or otherwise the Board is of opinion that all or any of the conditions referred to above requires variation (including the change of any treatment system, either in whole or in part) the Board shall, after giving the applicant an opportunity of being heard, vary all or any of such conditions and thereupon the applicant shall be bound to comply with the conditions as so varied.
17. In case there is any change in the constitution of the management, the occupier of the new management shall file fresh application under Air (Prevention and Control of Pollution) Act, 1981, as amended in Form-I alongwith relevant documents of change of management immediately and get the necessary amendment with renewal of consent order.
18. In case there is any change in the name of the company alone, the occupier shall inform the same with relevant documents immediately and get the necessary amendments for the change of name from the Board.

19. The occupier shall display this consent order granted to him in a prominent place for perusal of the inspecting Officers of this Board.

To

The Director,

M/s.INDIA YAMAHA MOTOR PVT LTD,

1st Floor, The Great Eastern Centre 70, Behind IFCI Tower, New Delhi

Pin: 110019

Copy to:

1.The Commissioner, SRIPERUMBUDUR-Panchayat Union, Sriperumbudur Taluk, Kancheepuram District .

2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.

3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chengalpattu.

4. File

Signature Not Verified

Digitally Signed by :JAYAMURUGAN R
For Member Secretary
Tamil Nadu Pollution Control Board, Chennai

Date: 2026.04.20 12:01:04 IST

Category of the Industry :

RED

CONSENT ORDER NO. 2607173064387 DATED: 17/04/2026.

PROCEEDINGS NO.T7/TNPCB/F.0836SPR/RL/SPR/W/2026 DATED: 17/04/2026

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE FOR EXPANSION-II -M/s. INDIA YAMAHA MOTOR PVT LTD , S.F.No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District., VADAKAL A B C BLOCK village Sriperumbudur Taluk and Kancheepuram District - Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg. (Industry User ID- R16SPR3824325)

REF: 1.Latest CTO-Expansion –I vide Proc.No.T7/TNPCB/F.0836SPR/RL/SPR/ W&A/2026 DATED: 14/01/2026
2.Unit's application through OCMMS portal vide Application No. 73064387, dated 30-01-2026 for CTO Expansion Phase II
3.DEE/SPR IR.No : F.0836SPR/RL/AEE/SPR/2026 dated 09/04/2026
4.Minutes of 354th Board's Consent Clearance Committee meeting held on 26.03.2026 (CCC Item No. 354-04).

CONSENT TO OPERATE FOR EXPANSION is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Director

M/s . INDIA YAMAHA MOTOR PVT LTD

S.F No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District.

VADAKAL A B C BLOCK Village

Sriperumbudur Taluk

Kancheepuram District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending **March 31, 2027**

SPECIAL CONDITIONS

1. This consent to operate for Expansion is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	MOTOR CYCLE	35000	Numbers/Month
2.	SCOOTER	45000	Numbers/Month
3.	ELECTRIC BIKE	5000	Numbers/Year
4.	Manufacturing facility for motorcycles, scooters, and electric bikes with total built-up area of (Phase II)	170514.75	Sq.m

2. This consent to operate for Expansion is valid for operating the facility with the below mentioned permitted outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage I	78.0	Utilizing for Toilet flushing
2.	Sewage II	286.0	On land for gardening
Effluent Type : Trade Effluent			
1.	Trade effluent I (RO permeate)	416.25	Recycling to process
2.	Trade effluent II (MEE condensate)	20.5	Recycling to process
3.	Trade effluent III (MEE Reject / Concentrate)	0.75	Pusher Centrifuge followed by elevated Solar Evaporation Pan (Pusher Centrifuge - 0.65 KLD & SEP - 0.1 KLD)

3. The effluent discharge shall not contain constituents in excess of the tolerance Limits as laid down hereunder.

Sl. No.	Parameters	Unit	TOLERANCE LIMITS - OUTLETS -Nos				
			Sewage		Trade Effluent		
			1	2	3		
1.	pH		5.5 to 9	5.5 to 9	5.5 to 9		
2.	Temperature	oC	-	-	shall not exceed 5ºC above the receiving water temperature		
3.	Particle size of Suspended solids	-	-	-	shall pass 850 micron IS sieve		
4.	Total Suspended Solids	mg/l	30	30	100		
5.	Total Dissolved solids (inorganic)	mg/l	-	-	2100		
6.	Oil & Grease	mg/l	-	-	10		
7.	Biochemical Oxygen Demand (3 days at 27oC)	mg/l	20	20	30		
8.	Chemical Oxygen Demand	mg/l	-	-	250		
9.	Chloride (as Cl)	mg/l	-	-	1000		
10.	Sulphates (as SO4)	mg/l	-	-	1000		
11.	Total Residual Chlorine	mg/l	-	-	1		
12.	Ammonical Nitrogen (as N)	mg/l	-	-	50		
13.	Total Kjeldahl Nitrogen (as N)	mg/l	-	-	100		
14.	Free Ammonia (as NH3)	mg/l	-	-	5		
15.	Arsenic (as As)	mg/l	-	-	0.2		
16.	Mercury (as Hg)	mg/l	-	-	0.01		
17.	Lead (as Pb)	mg/l	-	-	0.1		
18.	Cadmium(as Cd)	mg/l	-	-	2		
19.	Hexavalent Chromium (as Cr+6)	mg/l	-	-	0.1`		
20.	Total Chromium (as Cr)	mg/l	-	-	2		
21.	Copper (as Cu)	mg/l	-	-	3		
22.	Zinc (as Zn)	mg/l	-	-	1		
23.	Selenium (as Se)	mg/l	-	-	0.05		
24.	Nickel (as Ni)	mg/l	-	-	3		
25.	Boron (as B)	mg/l	-	-	2		
26.	Percent Sodium	%	-	-	-		
27.	Residual Sodium Carbonate	mg/l	-	-	-		
28.	Cyanide (as CN)	mg/l	-	-	0.2		
29.	Fluoride (as F)	mg/l	-	-	2		
30.	Dissolved Phosphates(as P)	mg/l	-	-	5		
31.	Sulphide (as S)	mg/l	-	-	2		
32.	Pesticides	mg/l	-	-			
33.	Phenolic Compounds (as C6H5OH)	mg/l	-	-	1		
34.	Radioactive materials a) Alpha emitters	micro curie/ml	-	-	10-7		
35.	Radioactive materials b). Beta emitters	micro curie/ml	-	-	10-6		

36.	Fecal Coliform	MPN/100ml	-	-	-		

4. All units of the sewage and Trade effluent treatment plants shall be operated efficiently and continuously so as to achieve the standards prescribed in Sl No.3 above or to achieve the zero liquid discharge of effluent as applicable.

5. The occupier shall maintain the Electro Magnetic Flow Meters/water Meters installed at the inlet of the water supply connection for each of the purposes mentioned below for assessing the quantity of water used and ensuring that such meters are easily accessible for inspection and maintenance and for other purposes of the Act.
   a. Industrial Cooling, Spraying in mine pits or boiler feed.
   b. Domestic purpose.
   c. Process.

6. The occupier shall maintain the Electro Magnetic Flow Meters with computer recording arrangement for measuring the quantity of effluent generated and treated for the monitoring purposes of the Act.

7. Log book for each of the unit operations of ETP have to be maintained to reflect the working condition of ETP along with the readings of the Electro Magnetic Flow Meters installed to assess effluent quantity and the same shall be furnished for verification of the Board officials during inspection.

8. The occupier shall at his own cost get the samples of effluent/surface water/ground water collected in and around the unit by Board officials and analyzed by the TNPC Board Laboratory periodically.

9. Any upset condition in any of the plants of the factory which is, likely to result in increased effluent discharge and result in violation of the standards mentioned in Sl. No.3 above shall be reported to the Member Secretary / Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.

10. The occupier shall always comply and carryout the order/directions issued by the Board in this Consent Order and from time to time without any negligence. The occupier shall be liable for action as per provisions of the Act in case of non compliance of any order/directions issued.

11. The occupier shall develop adequate width of green belt at the rate of 400 numbers of trees per Hectare.

12. The occupier shall provide and maintain rain water harvesting facilities.

13. The occupier shall ensure that there shall not be any discharge of effluent either treated or untreated into storm water drain at any point of time.

14. In the case of zero liquid discharge of effluent units, the occupier shall adhere the following conditions as laid under.
    i). The occupier shall ensure zero liquid discharge of effluent, thereby no discharge of untreated / treated effluent on land or into any water bodies either inside or outside the premises at any point of time.
    ii) The occupier shall operate and maintain the Zero liquid discharge treatment components comprising of Primary, Secondary and tertiary treatment systems at all times and ensure that the RO permeate/Evaporator condensate shall be recycled in the process and the final RO reject shall be disposed off with the reject management system ensuring zero liquid discharge of effluents in the premises.
    iii) The occupier shall operate and maintain the reject management system effectively and recover the salt from the system which shall be reused in the process if reusable.
    iv) In case of failure to achieve zero discharge of effluents for any reason, the occupier shall stop its production and operations forthwith and shall be reported to the Member Secretary/Joint Chief Environmental Engineer-Monitoring and the concerned District/Assistant Environmental Engineer of the Board by e-mail immediately and subsequently by Post with full details of such upset condition.
    v) The occupier shall restart the production only after ascertaining that the Zero discharge treatment system can perform effectively for achieving zero discharge of effluents.

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

Additional Conditions:

1.The unit shall comply with all the conditions stipulated in the Environmental Clearance issued by the SEIAA, TN vide File No.: 11745/EC Identification No. EC25B3813TN5181462N, Dated: 27.02.2025
2.The CTO is issued to the unit in consideration of the particulars furnished by the unit in respect of the annual melting capacity of the melting furnaces installed in the unit. The unit shall ensure that the melting capacity of the Aluminium melting furnace shall not exceed 30000 T/Annum. If the melting capacity of the furnaces exceeds 30000 T/Annum or 0.03 MTPA then the unit should obtain fresh Environmental Clearance from TN-SEIAA.
3.The unit shall operate and maintain the existing STP provided to treat the sewage efficiently and continuously so as to achieve the standards prescribed by the Board continuously.
4.The unit shall ensure that there is no increase in the quantity of trade effluent generated from the consented quantity under any circumstances.
5.The unit shall operate and maintain the ZLD system which consists of ETP & Reject management system (RO Plant, MEE and Elevated SEP) provided for the treatment and disposal of trade effluent efficiently and continuously so as to achieve Zero liquid discharge continuously.
6.The unit shall operate and maintain the energy meters and EMFMs with computer recording arrangements provided for the existing STP, ETP, RO plant, MEE, Elevated SEP etc., continuously and efficiently, to monitor the continuous operation and maintenance of the same.
7.The unit shall maintain log books to monitor the continuous operation and maintenance of the STP provided to treat the sewage.
8.The unit shall maintain log books to monitor the continuous operation and maintenance of the ETP, RO plant, MEE, SEP etc., provided to treat the trade effluent.
9.The unit shall ensure that the sewage and trade effluent, either treated or un-treated are not discharged on land or into storm water drains or into water sources, either inside the premises or outside the premises under any circumstances.
10.The solid waste generated such as bio-degradable waste and non-bio degradable waste shall be properly collected, segregated properly and disposed as per the provision of Solid Waste Management Rules, 2016 without any accumulation within the premises.
11.The solid waste namely metal scraps should be disposed to the authorised recyclers only then and there without accumulating the same within the premises.
12.The unit shall store the Hazardous waste only in the rain proof shed with adequate safety measures.
13.The unit shall comply with all the provisions of the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016. The unit shall also maintain Annual returns in Form IV for the Hazardous wastes generated and disposed.
14.The unit shall comply with the provisions of the E-Waste Management Rules, 2022 as amended from time to time and shall ensure that all the E-Wastes are disposed of /send to the authorised E-Waste recycling facility only as per the Rules and procedures laid down in the E-Wastes Management Rules, 2022 as amended.
15.The unit shall comply with the provisions of the Battery Waste Management Rules, 2022 as amended. Battery wastes generated should be separated from other wastes and should be disposed off in an environment friendly manner by giving it to an entity engaged in collection or refurbishment or recycling as per the procedures laid down in the Battery Waste Management Rules, 2022 as amended.
16.The unit shall ensure that cleaning of the Septic tanks, STP components, ETP & ZLD components are carried out only mechanically. Manual cleaning of the Septic tanks, STP components, ETP & ZLD components should not be carried out under any circumstances in order to avoid any fatal accidents that may occur while cleaning the Septic tanks, STP components, ETP & ZLD components. \
17.The unit should obtain valid Bio medical waste Authorization from TNPCB for handling the Bio medical wastes generated.
18.The unit shall comply with the MoEF & CC notification NO. S.O. 2215(E) dated 07.06.2024.
19.The unit shall not use single use plastics banned by Government of Tamilnadu vide G.O.(Ms) No.84 Environment and Forests (EC.2) Department dated: 25.06.2018 and by Government of India vide MoEF&CC Notification No.G.S.R.571(E) dated:12.08.2021.
20.The unit shall ensure that the operation of the unit does not invite any public complaints.
21.The unit analyse the treated sewage and trade effluent in the TNPCB lab and to furnish the ROA periodically.
22.The unit shall conduct SM/AAQ survey through the TNPCB lab and furnish the ROA to the board periodically.
23.The unit shall continuously maintain the Rain water harvesting facilities provided within the premises.
24.The unit shall furnish the Environmental statement for the financial year ending 31st March every year.
25.The unit shall furnish the Audited Balance Sheet every year for verification of the Gross Fixed Assets so as to collect the balance or arrears consent fee, if any. In case of any deviation in the Gross Fixed Assets furnished in future, the unit shall remit the difference in amount to the Board without fail
26.In case of revision of consent fee by the Government, the unit shall remit the difference in amount

within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
27.The unit shall continue to develop green belt and shall ensure that at least 25 % of the total land area shall be developed as green belt by planting thick shaded native tree saplings within the premises and the unit shall continue to maintain the green belt.
28.This consent order does not absolve from obtaining necessary permission / Clearance from other Authority or under other statutes as applicable.
29.The unit shall ensure that “Any step of the unit activity should not attract the EIA Notification 2006 as amended”.
30.The unit shall maintain good housekeeping.

GENERAL CONDITIONS

1. The occupier shall make an application along with the prescribed consent fee for grant of renewal of consent at least 60 days before the date of expiry of this Consent Order along with all the required particulars ensuring that there is no change in Production quantity and change in sewage/Trade effluent.
2. This Consent is issued by the Board in consideration of the particulars given in the application. Any change or alteration or deviation made in actual practice from the particulars furnished in the application will also be ground for review/variation/revocation of the Consent Order under Section 27 of the Act and to make such variation as deemed fit for the purpose of the Act.
3. The consent conditions imposed in this order shall continue in force until revoked under Section 27(2) of the Act.
4. After the issue of this order, all the 'Consent to Operate' orders issued previously under Water (Prevention and Control of Pollution) Act, 1974 as amended stands defunct.
5. The occupier shall maintain an Inspection Register in the factory so that the inspecting officer shall record the details of the observations and instructions issued to the unit at the time of inspection for adherence.
6. The occupier shall provide and maintain an alternate power supply along with separate energy meter for the Effluent Treatment Plant sufficient to ensure continuous operation of all pollution control equipments to maintain compliance.
7. The occupier shall provide all facilities to the Board officials for inspection and collection of samples in and around the factory at any time.
8. The occupier shall display the flow diagram of the sources of effluent generation and pollution control systems provided at the ETP site.
9. The solid waste such as sweepings, wastage, package, empty containers, residues, sludge including that from air pollution control equipments collected within the premises of the industrial plant shall be collected in an earmarked area and shall be disposed off properly.
10. The occupier shall collect, treat the solid wastes like food waste, green waste generated from the canteen and convert into organic compost.
11. The occupier shall segregate the Hazardous waste from other solid wastes and comply in accordance with Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.
12. The occupier shall maintain good house-keeping within the factory premises.
13. All pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the trade effluent collection system only and shall not be allowed to find their way in storm drains or open areas.
14. The occupier shall ensure that there shall not be any diversion or by-pass of trade effluent on land or into any water sources.
15. The occupier shall ensure that solar Evaporation pans shall be constructed in such a way that the bottom of the solar pan is at least 1 m above the Ground level (if applicable).
16. The occupier shall furnish the following returns in the prescribed formats to the concerned District office regularly.
    a) Monthly water consumption returns of each of the purposes with water meter readings in Form-I on or before 5th of every month.
    b) Yearly return on Hazardous wastes generated and accumulated for the period from 1st April to 31st March in Form–4 before the end of the subsequent 30th June of every year (if applicable).
    c) Yearly Environmental Statement for the period from 1st April to 31st March in Form –V before the end of the subsequent 30th September of every year(if applicable).
17. If applicable, the occupier has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances.
18. The issuance of this consent does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse or in Government Poromboke lands.
19. The issuance of this Consent does not convey any property right in either real personal property or any exclusive privileges, nor does it authorize any injury to private property or Government property or any invasion of personal rights nor any infringement of Central, State laws or regulation.

20. The occupier shall forth with keep the Board informed of any accident of unforeseen act or event of any poisonous, noxious or polluting matter or emissions are being discharged into stream or well or air as a result of such discharge, water or air is being polluted.

21. If due to any technological improvements or otherwise the Board is of opinion that all or any of the conditions referred to above requires variation (including the change of any treatment system, either in whole or in part) the Board shall, after giving the applicant an opportunity of being heard, vary all or any of such conditions and thereupon the applicant shall be bound to comply with the conditions as so varied.

22. In case there is any change in the constitution of the management, the occupier of the new management shall file fresh application under Water (Prevention and Control of Pollution) Act, 1974, as amended in Form-II alongwith relevant documents of change of management immediately and get the necessary amendment with renewal of consent order.

23. In case there is any change in the name of the company alone, the occupier shall inform the same with relevant documents immediately and get the necessary amendments for the change of name from the Board.

24. The occupier shall display this consent order granted to him in a prominent place for perusal of the inspecting Officers of this Board.

To

The Director,

M/s.INDIA YAMAHA MOTOR PVT LTD,

1st Floor, The Great Eastern Centre 70, Behind IFCI Tower, New Delhi

Pin: 110019

Copy to:

1.The Commissioner, SRIPERUMBUDUR-Panchayat Union, Sriperumbudur Taluk, Kancheepuram District .

2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.

3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chengalpattu.

4. File

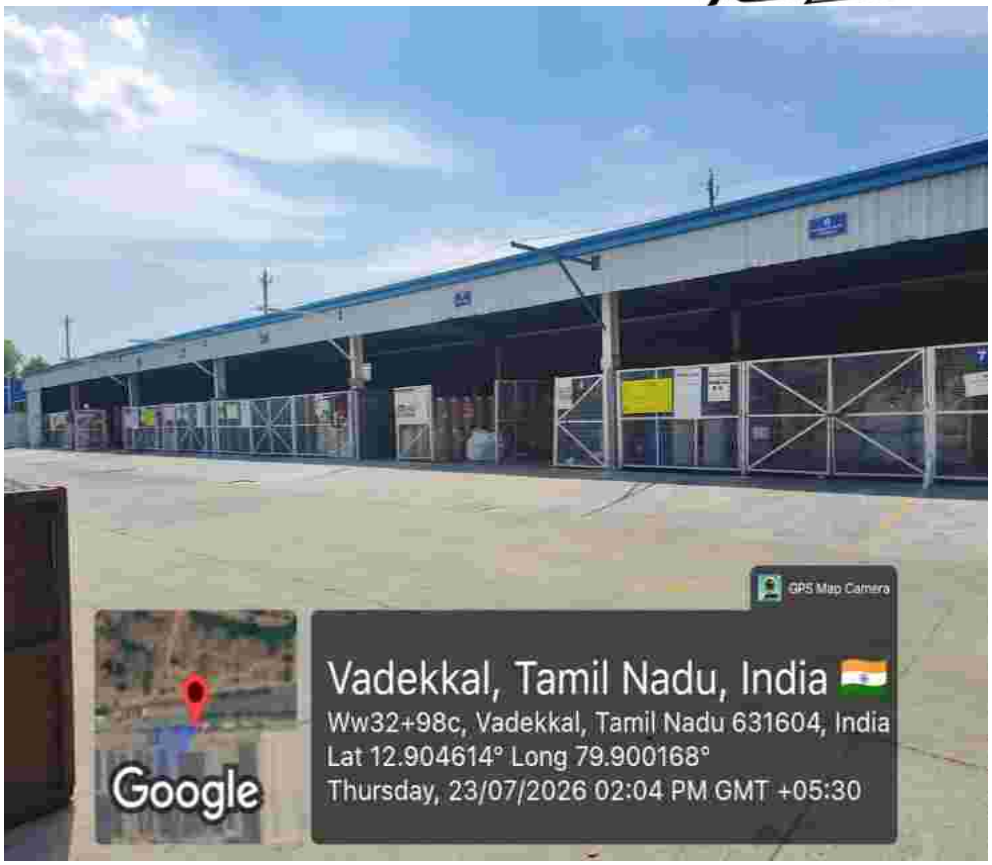
Signature Not Verified

Digitally Signed by :JAYAMURUGAN R
For Member Secretary
Tamil Nadu Pollution Control Board, Chennai

Date: 2026.04.20 12:02:17 IST

HW storage Area

Annexure-24



Annexure-25

State Industries Promotion Corporation of Tamil Nadu Limited
(A GOVERNMENT OF TAMILNADU UNDERTAKING)
Regd. Office : 19-A, Rukmani Lakshmipathy Road, Post Box No. 7223, Egmore, Chennai-600 008.
Phone : 28554787 Fax : 044-28553746/42177333 CIN U74999TN1971SGC005967

Ref. No. :
Ref.No.P&SP/SIP-VV/I. YAMAHA/1/2013.

Date :
Dt.09.04.15

M/s. India Yamaha Motor Pvt. Ltd.,
Plot No.V V-1, SIPCOT Industrial Park,
Vallam Vadagal,
Sriperumbudur-602 105.

/ BY RPAD /

Sir,

Sub: SIPCOT Industrial Park at Vallam-Vadagal – Plot No. V V-1 measuring 109.089 acres allotted to you – Reduction in quantity of water – requested – reg.

Ref: 1. This Office allotment order of even No.08.08.13 and amendment Lr.dt.02.09.13.
2. Your lr.dt.09.03.15.

.....

Further to your letter second cited, the committed quantity of water is hereby reduced to 8,00,000 litres as requested by you, as against 20,00,000 litres already allocated to you. You are requested to remit a sum of Rs.4,24,00,000/- towards 50% capital cost on water supply system along with Service Tax as applicable and execute water supply agreement by contacting our Project Officer.

Yours faithfully,
Sd/-
Managing Director.

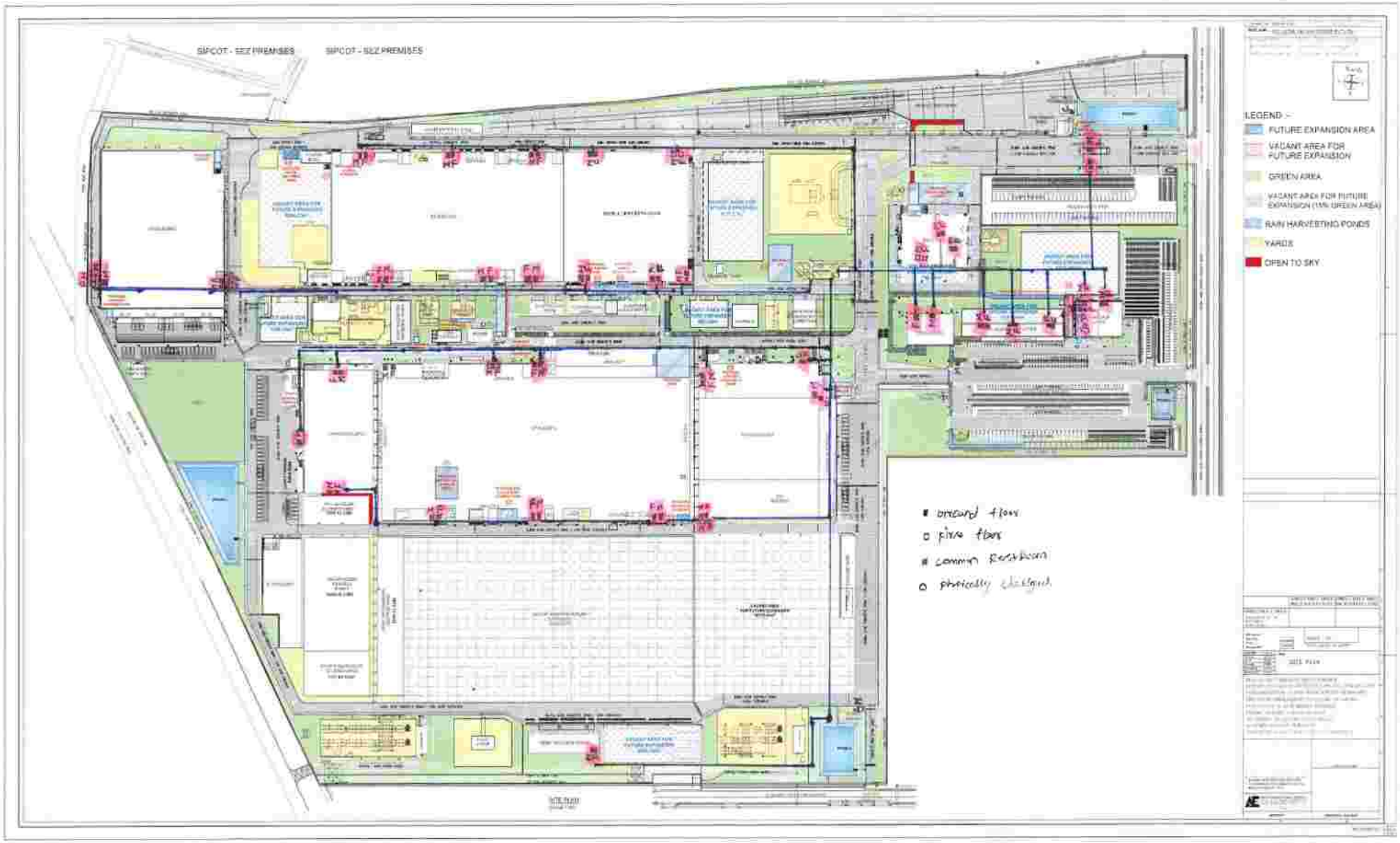
Copy to:

The Project Officer, : for further follow up action.
SIPCOT Industrial Growth Centre,
Vallam-Vadagal.

/Forwarded by order/

General Manager-II
2/3

ANNEXURE-30 - PIPELINE FOR TOILET FLUSHING



GST NO: 33BPDPR4395L1ZD
PAN NO: BPDPR4395L

ORIGINAL INVOICE

CELL: 9750224177
7667969625

BARATH ENTERPRISES

IDM - CHECKED OK

No:59,AmmanKoilStreet,PalnelloreVillage,EchoorPost,
SriperumbudurTaluk,KancheepuramDistrict-631 604

To
INDIA YAMAHA MOTOR PRIVATE LIMITED
Plot No:VV-1, Sipcot Industrial Park, Vallam Vadagal Village,
Sriperumbudur Taluk, Kancheepuram Dist,
Tamil Nadu - 602 105. India
NUTSWATER00004 - RAW WATER (22.5KL TANKER)
P O No: STPORDC127515 Date: 04-03-2026 TN05 AQ 5915

0663

CHNORFF26030123

Invoice NO: 493
Date:06.03.2026
Party GST No: 33AABCI7552F1ZR

S.No	Date	Description	HSN/HSC	Qty	Rate per Load	Amount Rs.	Ps.
1	21.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	1	2137	2,137	0.00
2	22.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	5	2137	10685	0.00
3	23.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	7	2137	14959	0.00
4	14.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	8	2137	17096	0.00
5	25.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	7	2137	14959	0.00
6	26.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	7	2137	14959	0.00
7	27.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	7	2137	14959	0.00
8	28.02.26	NUTSWATER00004 Raw Water 22.5 KL Tanker	98010000	6	2137	12822	0.00

INDIA YAMAHA MOTOR PVT LTD
CHENNAI PLANT
GATE IN
VEH TN05 AQ 5915
IN T 09156
DA 06.03.26
G 1128
SIGNATURE OF SECURITY :

TOTAL	48	RS	102576	0.00
CGST		9%	9231.84	0.00
SGST		9%	9231.84	0.00
GRAND TOTAL			121039.6	0.00

Rupees: One Lakh Twenty One Thousand Forty Only

BARATH ENTERPRISES
No.59, Amman Koil Street,
Palnellore Village, Echoor Post
Sriperumbudur Taluk,
Kanchipuram Dist-631 604

Received By

Approved By

For BARATH ENTERPRISES

For BARATH ENTERPRISES

Proprietor

Proprietor

IDM - CHECKED OK

GST NO: 33BPDPR4395L1ZD | CELL: 9750224177

PAN NO: BPDPR4395L | ORIGINAL INVOICE | 7667969625

BARATH ENTERPRISES

No:59,AmmanKoilStreet,PalnelloreVillage,EchoorPost,
SriperumbudurTaluk,KancheepuramDistrict-631 604

To
INDIA YAMAHA MOTOR PRIVATE LIMITED
Plot No:VV-1, Sipcot Industrial Park, Valla Vadagal Village,
Sriperumbudur Taluk, Kancheepuram Dist,
Tamil Nadu - 602 105. India
NUTS WATER00003-Raw Water (14KL Tanker)
P O No: STPORDC127815 Date: 04.03.2026 TN 87 E 5617

actual

Invoice No: 500
Date:01-04-2026
Party GST No: 33AABCI7552F1ZR

S.No	Date	Item No	Description	HSN/HSC	Quantity	Rate Per Load	Amount Rs.	Ps.
1	23.03.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	4	1330	5320	0.00
2	24.03.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
3	25.03.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00
4	28.03.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00
5	31.03.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00

CHNORAA2604022224
(28/4/2026).

INDIA YAMAHA MOTOR PVT LTD
TN 87E 5617
TN 05 AD 5915
09215
01-4-26
SIGNATURE OF SECURITY :

TOTAL	**10**		**13,300**	
CGST		**9%**	**1197**	
SGST		**9%**	**1197**	
GRAND TOTAL		**RS**	**15,694**	**0.00**

Rupees: Fifteen Thousand Six Hundred and Ninety Four Only

BARATH ENTERPRISES
No.59, Amman Koil Street,
Palnellore Village, Echoor Post
Sriperumbudur Taluk,
Kanchipuram Dist-631 604

For BARATH ENTERPRISES
For BARATH ENTERPRISES
Proprietor
Proprietor

[M. Venkatesan]

CMNORAA2605 01853

GST NO: 33BPDPR4395L1ZD | CELL: 9750224177
PAN NO: BPDPR4395L | ORIGINAL INVOICE | 7667969625

BARATH ENTERPRISES

No:59,AmmanKoilStreet,PalnelloreVillage,EchoorPost,
SriperumbudurTaluk,KancheepuramDistrict-631 604

To
INDIA YAMAHA MOTOR PRIVATE LIMITED
Plot No:VV-1, Sipcot Industrial Park, Valla Vadagal Village,
Sriperumbudur Taluk, Kancheepuram Dist,
Tamil Nadu - 602 105. India
NUTS WATER00003-Raw Water (14KL Tanker)
P O No: STPORDC127515 Date: 04.03.2026 TN 87 E 5617

Invoice No: 504
Date:04-05-2026
Party GST No: 33AABCI7552F1ZR

S.No	Date	Item No	Description	HSN/HSC	Quantity	Rate Per Load	Amount Rs.	Amount Ps.
1	01.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
2	02.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	4	1330	5320	0.00
3	03.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
4	05.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00
5	06.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
6	08.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
7	09.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
8	30.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00
				TOTAL	**21**		**27,930**	
				CGST		**9%**	**2513.7**	
				SGST		**9%**	**2513.7**	
				GRAND TOTAL		**RS**	**32,957**	**0.00**

12509

INDIA YAMAHA MOTOR PVT LTD
TN 87 E 5617
05.26
04/05/26
123

Rupees: Thirty Two Thousand Nine Hundred and Fifty Seven Only

BARATH ENTERPRISES
No.59, Amman Koil Street,
Palnellore Village, Echoor Post
Sriperumbudur Taluk,
Kanchipuram Dist-631 604

For BARATH ENTERPRISES

For BARATH ENTERPRISES
Proprietor
Proprietor

GST NO: 33BPDPR4395L1ZD | CELL: 9750224177

PAN NO: BPDPR4395L | INVOICE | 7667969625

BARATH ENTERPRISES

No:59,AmmanKoilStreet,PalnelloreVillage,EchoorPost,
SriperumbudurTaluk,KancheepuramDistrict-631 604

To
INDIA YAMAHA MOTOR PRIVATE LIMITED
Plot No:VV-1, Sipcot Industrial Park, Valla Vadagal Village,
Sriperumbudur Taluk, Kancheepuram Dist,
Tamil Nadu - 602 105. India
NUTS WATER00003-Raw Water (14KL Tanker)
P O No: STPORDC127515 Date: 04.03.2026 TN 87 E 5617

Invoice No: 504
Date:04-05-2026
Party GST No: 33AABCI7552F1ZR

S.No	Date	Item No	Description	HSN/HSC	Quantity	Rate Per Load	Amount Rs.	Ps.
1	01.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
2	02.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	4	1330	5320	0.00
3	03.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
4	05.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00
5	06.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
6	08.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
7	09.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	3	1330	3990	0.00
8	30.04.2026	NUTS WATER00003	Raw Water 14 KL Tanker	98010000	1	1330	1330	0.00
				TOTAL	**21**		**27,930**	
				CGST		**9%**	**2513.7**	
				SGST		**9%**	**2513.7**	
				GRAND TOTAL		**RS**	**32,957**	**0.00**

Rupees: Thirty Two Thousand Nine Hundred and Fifty Seven Only

BARATH ENTERPRISES
No.59, Amman Koil Street,
Palnellore Village, Echoor Post
Sriperumbudur Taluk,
Kanchipuram Dist-631 604

For BARATH ENTERPRISES
For BARATH ENTER...
Proprietor
Proprietor

Annexure-28

STP Adequacy Report of

INDIA YAMAHA MOTORS PVT. LTD

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1 INTRODUCTION & PROCESS DESCRIPTION

1.1. PROCESS DESCRIPTION – SEWAGE TREATMENT PLANT:

Raw Sewage flow is passed through Coarse Bar screen to fine bar screen. Sewage transfer pump is used to transfer the sewage to fine screen to remove the grits in the Sewage. Overflow of the sewage flow into Balancing Tank. Air diffusers system is given to maintain homogenized inlet parameters at all time and to prevent the Septic nature in the Equalization Tank. Sewage is pumped from equalization tank to aeration tank for reduction of BOD by decomposition. Further reduction of BOD will be occur in aeration tank with Moving Bed Bio Reactor (MBBR) media technology. Overflow of Aeration tank flows into secondary clarifier for removal of suspended solids. Overflow of Secondary clarifier flows into clear water tank. Sludge is continuously drawn from secondary clarifier and some portion of sludge is transferred to aeration tank to maintain the MLSS. Filter feed pump is used to transfer clarified sewage to Multi Grade filter and Activated carbon filter to remove suspended solids, turbidity, color, organics and free residual chlorine if any. Sludge is treated in filter press with poly dosing system.

2. TREATMENT PHILOSOPHY

SEWAGE TREATMENT PLANT

Water Source	:	**Sewage**
Flow Rate	:	400 KLD
Operating hours	:	24 hrs

3. DESIGN BASIS

3.1. INLET WATER CHARACTERISTICS

S. No.	Parameter	Unit	Batch Circulation
1.	pH		7.5-9.0
2.	Colour	Hazen	<10
3.	Total Suspended Solids	ppm	450
4.	BOD	ppm	300
5.	COD	ppm	700
6.	Oil & Grease	ppm	<50
7.	Turbidity	NTU	<20

3.2. TREATED WATER GUARANTEE

S.No	Parameter	Unit	Design Value
1.	BOD	ppm	<30
2.	COD	ppm	<100
3.	TSS	ppm	<10
4.	BOD	ppm	<30

4. PROCESS CALCULATIONS AND EQUIPMENT DESIGN

LIST OF EQUIPMENTS IN STP			SITE MEASUREMENT
DESIGN SHEET FOR CONVENTIONAL - MBBR MEDIA			
DESCRIPTION	**CAPACITY**	**UOM**	
PLANT CAPACITY	400	KLD	
OPERATING HOURS	24	HRS	
SERVICE FLOW RATE	16.67	M3/HR	
BOD	300	PPM	
COD	700	PPM	
TSS	450	PPM	
SECONDARY CLARIFIER			
MOC	RCC		
DIMENSION	5.5 x 2.5 MSWD + 1.3 M FB		ADEQUATE
COARSE SCREEN BARSCREEN			
PEAK FACTOR CONSIDERED	2.5		
PEAK FLOW		M3/HR	
VELOCITY	0.7 - 0.9	M/S	
VELOCITY CONSIDERED	0.7	M/S	
AREA	0.02	M2	
DEPTH TAKEN	0.1	M	
CLEAR WIDTH	0.17	M	
SPACING B/W BARS	20	MM	
NO OF CLEAR OPENINGS	9	NOS	
WIDTH OF FLATS	10	MM	
ACTUAL WIDTH	270	MM	
WIDTH OF SCREEN CONSIDERED	297	MM	
WIDTH OF SCREEN PROVIDED	300	MM	ADEQUATE
HEIGHT OF SCREEN	500	MM	ADEQUATE
FINE SCREEN BARSCREEN			
PEAK FACTOR CONSIDERED	2.5		
PEAK FLOW	41.67	M3/HR	
VELOCITY	0.7 - 0.9	M/S	
VELOCITY CONSIDERED	0.7	M/S	

AREA	0.02	M2	
DEPTH TAKEN	0.1	M	
CLEAR WIDTH	0.17	M	
SPACING B/W BARS	10	MM	
NO OF CLEAR OPENINGS	17	NOS	
WIDTH OF FLATS	10	MM	
ACTUAL WIDTH	340	MM	
WIDTH OF SCREEN CONSIDERED	374	MM	
WIDTH OF SCREEN PROVIDED	400	MM	ADEQUATE
HEIGHT OF SCREEN	500	MM	ADEQUATE
BAR SCREEN CHAMBER VOLUME	0.32	M3	
MOC	RCC		
CHAMBER DIMENSION	0.4 X 1.5 X 0.535 MLD + 0.365 M FB		ADEQUATE
OIL SKIMMER			
DENSITY OF OIL	0.9	gm / cc	
QTY OF OIL	18.75	Kg/Hr	
OIL TO BE REMOVED	20.83	LPH	
OIL SKIMMER PROVIDED	10	LPH	
OIL SKIMMING CHAMBER			
RETENTION TIME CONSIDERED	20	MIN	
VOLUME OF TANK REQUIRED	5.56	M3	
DEPTH TAKEN	1.5	M	
MOC	RCC		
CHAMBER DIMENSION	2.7 X 1.5 X 1.4 MLD + 0.5 M FB		ADEQUATE
SEWAGE TRANSFER PUMP			
QUANTITY	2(1W+1S)		
PUMP CAPACITY	16.67	M3/HR	ADEQUATE
HEAD	15	MWC	
MOC	CI		
TYPE	HORIZONTAL CENTRIFUGAL		
EQUALISATION TANK			
RETENTION TIME	4	HRS	

RETENTION TIME CONSIDERED	6	HRS	
VOLUME OF TANK REQUIRED	100	M3	
AIR REQUIREMENT	0.5	M3/HR/M3 OF TANK VOLUME	
AIR REQUIRED	50	M3/HR	
DIMENSION	5.5 X 4.6 X 4.0 MLD + 0.5 M FB		ADEQUATE
MOC	RCC		
COARSE BUBBLE DIFFUSERS FOR EQUALIZATION TANK			
Quantity	One lot		
MOC	HDPE/PVC		
Type	PVC laterals with 6 mm dia holes		
AERATION TANK FOR MBBR MEDIA			
BOD LOAD	120	KG/DAY	
MEDIA REQUIRED FOR SURFACE AREA	20	GM OF BOD/M2	
SURFACE AREA REQUIRED	6000	M2	
SURFACE AREA CONSIDERED	300	M2/M3	
MEDIA VOLUME	20	M3	
PACKING HEIGHT	1	M	
TOTAL HEIGHT	3	M	
AERATION TANK VOLUME	60	M3	
RETENTION TIME CONSIDERED	4	HRS	
DIMENSION	5.5 X 3.0 X 4.0 MLD + 0.5 M FB		ADEQUATE
MOC	RCC		
AIR VOLUME			
O2 REQUIREMENT	2	KG OF O2/KG OF BOD	
O2 REQUIRED	240	KG OF O2/DAY	
O2 REQUIRED	10	KG/HR	
DENSITY OF AIR	1	KG/M3	
O2 IN AIR	0		
OTE	0		
ALPHA FACTOR	1		
BETA FACTOR	1		

AIR VOLUME	326	M3/HR	
FINE BUBBLE DIFFUSERS FOR AERATION TANK			
FINE DIFFUSERS REQUIRED AIR	9	M3/HR PER DIFFUSER	
NO OF DIFFUSERS	36	NOS	
NO OF DIFFUSERS PROVIDED	36	NOS	ADEQUATE
SIZE	90 mm dia x 800mm long		
TYPE	Fine bubble EPDM		
SETTLING TANK			
FLOW RATE CONSIDERED	17	m3/hr	
RISE RATE CONSIDERED	0.7	m/hr	
AREA	24	M2	
DIAMETER	5.51	M	
SWD	3	M	
VOLUME	60	M3	
RETENTION TIME	4	hrs	
CLEAR WATER TANK			
RETENTION TIME CONSIDERED	2	HRS	
VOLUME OF TANK REQUIRED	33	M3	
MOC	RCC		
DIMENSION	3.5 X 4.7 X 2.0 MLD + 3.1 M FB		ADEQUATE
HYPO DOSING SYSTEM			
Dosing Pump			
QUANTITY OFFERED	2(1W+1S)	Nos	
DESIGN FLOW RATE	17	m3/h	
DOSAGE RATE CONSIDERED	5	ppm	
DOSAGE RATE	0.083333333	Kg/h	
SP.GRAVITY	1.05		
DOSAGE RATE @ 100%	0.08	lph	
DOSING CONCENTRATION	10.30%		
DOSAGE RATE @ 10.3%	0.77	lph	
PUMP CAPACITY PROVIDED	4	lph	ADEQUATE
PRESSURE	1.5	Kg/cm2	
MOC	PP		
TYPE	Electronic Metering		

DOSING TANK			
QUANTITY OFFERED	1	No	
RETENTION TIME	20	hrs	
TANK CAPACITY REQUIRED	80	liters	
TANK CAPACITY PROVIDED	100	liters	ADEQUATE
MOC OF DOSING TANK	LDPE		
FILTER FEED PUMP			
QUANTITY	2(1W+1S)	Nos	
PUMP CAPACITY	16.67	M3/HR	ADEQUATE
HEAD	30	MWC	
MOC	CI		
TYPE	HORIZONTAL CENTRIFUGAL		
PSF			
QUANTITY	1	No	
MATERIAL OF CONSTRUCTION	MSEP		
MODE OF OPERATION	Manual		
FLOW RATE	16.7	m3/hr	
TYPE	Vertical		
VELOCITY	15	m/hr	
C/S AREA REQUIRED	1.1	m2	
DIAMETER OF THE FILTER	1.2	m	
DIAMETER OF THE FILTER PROVIDED	1.2	m	ADEQUATE
SAND BED DEPTH	600	mm	
PEBBLES BED DEPTH	400	mm	
TOTAL BED DEPTH	1000	mm	ADEQUATE
FREE BOARD	50%		ADEQUATE
HEIGHT OF THE FILTER	1500	mm	ADEQUATE
BACKWASH VELOCITY	24	m/hr	
BACKWASH TIME	15	mins	
BACKWASH VOLUME	6	m3	
ACCESSORIES	Manual Butterfly Valve		
ACF			
QUANTITY	1	No	
MATERIAL OF CONSTRUCTION	MSEP		
MODE OF OPERATION	Manual		
FLOW RATE	16.7	m3/hr	

TYPE	Vertical		
VELOCITY	15	m/hr	
C/S AREA REQUIRED	1.1	m2	
DIAMETER OF THE FILTER	1.2	m	
DIAMETER OF THE FILTER PROVIDED	1.7	m	ADEQUATE
SAND BED DEPTH	600	mm	
PEBBLES BED DEPTH	400	mm	
TOTAL BED DEPTH	1000	mm	ADEQUATE
FREE BOARD	100%		ADEQUATE
HEIGHT OF THE FILTER	2000	mm	ADEQUATE
BACKWASH VELOCITY	9	m/hr	
BACKWASH TIME	15	mins	
BACKWASH VOLUME	2.3	m3	
ACCESSORIES	Manual Butterfly Valve		
TREATED WATER TANK			
RETENTION TIME CONSIDERED	2	HRS	
VOLUME OF TANK REQUIRED	33	M3	
MOC	RCC		
DIMENSION	3.5 X 4.7 X 2.0 MLD + 3.1 M FB		ADEQUATE
SLUDGE VOLUME			
BOD CONTRIBUTION	50%		
TSS CONTRIBUTION	100%		
BOD LOAD	60	KGS/DAY	
TSS LOAD	180	KGS/DAY	
TOTAL SOLIDS	240	KGS/DAY	
SLUDGE CONSISTENCY	1.00%		
SLUDGE GENERATED	24	M3/DAY	
SLUDGE HOLDING TANK			
SLUDGE GENERATED PER HOUR	1	M3/HR	
RETENTION TIME CONSIDERED	4	HRS	
TANK VOLUME	4	M3	
AIR REQUIREMENT	0.5	M3/HR/M3 OF TANK VOLUME	

AIR VOLUME	2	M3/HR	
MOC	RCC		
DIMENSION	2.0 X 1.5 X 1.4 MLD + 0.5 M FB		ADEQUATE
AIR BLOEWER FOR EQ TANK+AT+SHT			
QUANTITY	2(1W+1S)	Nos	
FLOW RATE REQUIRED	378	m3/hr	
FLOW RATE PROVIDED	415.8	m3/hr	ADEQUATE
HEAD	4000	mmWc	
TYPE	TWIN LOBE		
MOC	CI		
SLUDGE RECIRCULATION PUMP			
QUANTITY	2(1W+1S)	Nos	
SLUDGE RECIRCULATION PERCENT	20%		
PUMP CAPACITY	3.33	M3/HR	ADEQUATE
HEAD	12	MWC	
MOC	CI		
TYPE	HORIZONTAL CENTRIFUGAL		
FILTER PRESS FEED PUMP			
QUANTITY	2(1W+1S)	NOS	
SLUDGE CAPACITY	24	m3	
FILTER PRESS BATCH	4	Nos	
PUMP OPERATING HOURS	1.5	hr	
PUMP CAPACITY	4	m3/hr	ADEQUATE
QUANTITY	2(1W+1S)	Nos	
HEAD	60	m	
TYPE	SCREW PUMP		
MOC	CI		
FILTER PRESS			
QUANTITY	1	NO	
TOTAL SOLIDS	240	Kg/d	
SPECIFIC GRAVITY	1.2		
MOISTURE	60.00%		
CAKE GENERATED PER DAY	333.3	Ltr / day	
NO OF BATCHES	4	Nos	
CAKE GENERATED PER BATCH	83.3	Ltr / Batch	

FILTERPRESS CAKE HOLDING CAPACITY	100	Ltr / Batch	ADEQUATE
SLUDGE CONSISTENCY	25.00%	%	
SLUDGE PER DAY	1	M3/d	
SLUDGE PER HOUR	0	M3/hr	
TOTAL FILTRATE PER DAY	23	M3/d	
TOTAL FILTRATE PER HOUR	1	M3/hr	
MOC	MS FRAME/PP PLATES		
POLYELECTROLYTE DOSING SYSTEM			
Dosing Pump			
QUANTITY OFFERED	2(1W+1S)	Nos	
DESIGN FLOW RATE	4	m3/h	
DOSAGE RATE CONSIDERED	10	ppm	
DOSAGE RATE	0.04	Kg/h	
SP.GRAVITY	1.05		
DOSAGE RATE @ 100%	0.04	lph	
DOSING CONCENTRATION	0.20%		
DOSAGE RATE @ 0.2%	19	lph	
PUMP CAPACITY PROVIDED	19	lph	ADEQUATE
PRESSURE	1.5	Kg/cm2	
MOC	PP		
TYPE	ELECTRONIC METERING		
DOSING TANK			
QUANTITY OFFERED	1	No	
RETENTION TIME	24	hrs	
TANK CAPACITY REQUIRED	456	liters	
TANK CAPACITY PROVIDED	500	liters	ADEQUATE
MOC OF DOSING TANK	LDPE		
ULTRA VIOLET SYSTEM			
QUANTITY	1	NO	
CAPACITY	17000	LPH	ADEQUATE
MAX OPERATING PRESSURE	125	PSI	
MOC	SS 316		
NO OF UV LAMPS	2	NOS	

5. BATTERY LIMIT CONDITION

5.1. SEWAGE TREATMENT PLANT

S. NO	DESCRIPTION	TERMINATION POINT
1.	RAW WATER	1 m AT THE INLET OF BAR SCREEN.
2.	TREATED WATER	UP TO UF PERMEATE TANK.
3.	DRAIN WATER	AT INLET OF DRAIN TRENCH (CONSIDERING DRAIN TRENCH WILL BE MAX 1M FROM VESSEL, TANK, ETC)
4.	POWER	AT THE INLET OF MCC (I.E.) INCOMER CABLE TO BE TERMINATED AT THE MCC INLET BY CLIENT
5.	SERVICE WATER	WITHIN THE STP AREA
6.	INSTRUMENT AIR	ONE POINT AT STP PLANT(CLIENT SCOPE)
7.	CHEMICALS	AT RESPECTIVE DOSING TANKS.

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Owner : M/s. INDIA YAMAHA MOTOR PVT.LTD

Location : KANCHIPURAM,TAMIL NADU

Adequacy Report For

Design,Supply,Erection,Testing & Commissioning of Effluent Treatment Plant

Project At Plot No.Vv - 1,Sipcot Industrial Park,Vallam - Vadagal,Sriperumbudur Taluk,Kanchipuram Dt,Tamil Nadu - 631604,India.

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1 INTRODUCTION & PROCESS DESCRIPTION

1.1. PROJECT DETAIL

The Scope of work includes Design, Supply, Erection, Testing & Commissioning of Effluent Treatment Plant Works Of New Factory Project at Plot No. VV – 1,Sipcot Industrial Park, Vallam – Vadagal, Sriperumbudur Taluk, Kanchipuram Dt,Tamil Nadu – 631604,India.

1.2. PROCESS DESCRIPTION – EFFLUENT TREATMENT PLANT:

There are 3 streams of waste generated from the plant, 3 streams are received from industrial process EG1,BD1-1 & BD1-2 as Low density, Acidic, Oil & Batch Circulation. Collection tank is provided to receive the waste from different streams from industry process as per design and each waste is passed through chemical treatment.

The collected effluent will be transferred by Effluent transfer pump to the inlet of the flash Mixer; a coagulant will be added in the flash mixer for flocculating the suspended solids in the raw effluent and a second process called flocculation occurs in Flocculator with addition of polyelectrolyte. Flocculation, a gentle mixing stage, increases the particle size from submicroscopic microfloc to visible suspended particles. The clarified overflow from the Flocculator flows to the central well of the primary Clarifier/Tube settler. The flocculated suspended solids are settled in the clarifier, the overflow from the clarifier flows by gravity to Anoxic tank. The sludge underflows to a dedicated chemical sludge holding tank.

The over flow from the anoxic tank flows to the aeration tank. The biological reaction is sustained by maintaining a required level of MLSS in the aeration tank. The generation of biomass reduces the incoming BOD and COD to greater than 95%. Oxygen transfer is achieved by means of fine bubble diffusers placed at the bottom of the tank to transfer atmospheric oxygen from air. Suitable air blowers are provided to maintain an adequate flow of air through the aeration tank.

The mixed liquor containing the biomass overflows from the aeration tank to the MBR membrane compartment. Cleaning requirements are minimum and are typically done once in a month with alkaline and acidic cleaners.

The membranes come in stacks called as cassettes. The cassettes are mounted on to a simple skid with an easy removal mechanism. The compact skids occupy very less space and can be lifted out of the tank easily for any maintenance work. The skid with the cassette construction ensures that the replacement costs for the membrane are kept to the minimum.

The filtrate from the MBR will be removed by means of MBR permeate transfer pumps. Return activated sludge pumps are provided in the MBR chamber to maintain the continuous circulation of the mixed liquor between the aeration tank and the MBR chamber. The MBR Permeate can be directly used for irrigation purpose.

The MBR Permeate is fed through RO feed pump into RO system. The filtered water is dosed with an acid, anti oxidant and antiscalant for dechlorination and preventing scale forming salts from precipitating over the membranes surface in the feed water.

The conditioned feed is then filtered through a 5-micron cartridge filter. High-pressure pump pressurizes the feed to the RO system – I. The Reverse Osmosis unit separates the feed into two streams; the Permeate stream with low total dissolved solids and Reject stream with high TDS. Reject from RO-I will be fed to RO-I reject tank.RO-I Reject is fed into RO system-I and reject is collected in RO-II reject tank. RO-II Reject is fed into RO system-III.RO permeates from RO-I,II &III will be fed to RO Permeate tank.RO-III Reject is collected in RO-III Reject tank and same is fed into evaporator for further processing.

Triple effect forward feed Forced circulation system to suit the

requirement is selected. The Feed from the feed balance tank is introduced to Evaporator calendria -1. Feed is fed to the calandria-1 which is Forced type and then passed through the next Forced through the next Forced circulation calendria. The Vapors from the preceding effects are used as a heating medium on the shell side of next calendria. The part of the solution is recycled back to the same effect to maintain the flow characteristics. Sufficient areas have been provided on each effect to ensure effective heat transfer. Vapor liquid separators mounted at the Top part of the Forced calendria, with tangential entry are provided to ensure the efficient separation of liquid and vapors. These shall be of adequate capacity with sight glass/light glass and manholes.

Partially concentrated solution will be fed to next Forced circulation calendria. Sufficient areas have been provided on each effect to ensure effective heat transfer.

A specially designed highly efficient Axial flow pump and with double mechanical seal pumps which is suitable for concentrated slurry circulation. Product is extracted by means of a product pump and same is fed into RO Permeate tank.

2. TREATMENT PHILOSOPHY

EFFLUENT TREATMENT PLANT

Water Source : Effluent water

Flow Rate : 468 KLD

Operating hours : 24 hrs

3. DESIGN BASIS

3.1. INLET WATER CHARACTERISTICS

S. No.	Parameter	Unit	Batch Circulation	Low Density	Acidic	Oil & Blow water	Combined Design Parameter
1.	pH	--	6.4	7.3	6.3	7.8	**7.2**
2.	BOD	ppm	1300	386	268	2851	**1298**
3.	COD	ppm	2100	804	358	5831	**1726**
4.	TSS	ppm	160	100	42	-	**150**
5.	TDS	ppm	-	-	-	-	**1000**
6.	Emulsified Oil	ppm	-	-	-	363	**363**

3.2. TREATED WATER GUARANTEE

S.No	Parameter	Unit	Design Value
1.	COD	ppm	< 30
2.	BOD	ppm	< 10
3.	TSS	ppm	< 5
4.	TDS	ppm	< 50

4. PROCESS CLACULATION AND EQUIPMENT DESIGN

DESIGN SHEET FOR EFFLUENT TREATMENT PLANT				
S.NO	**DESCRIPTION**	**SPECIFICATION**	**UOM**	**SITE MEASUREMENT**
1	PLANT CAPACITY	468	KLD	
2	OPERATING HOURS	24	HRS	
3	SERVICE FLOW RATE	20	M3/HR	
4	BOD	1298	PPM	
5	COD	1726	PPM	
6	TSS	150	PPM	
LOW DENSITY STREAM - 283 KLD				
LIST OF EQUIPMENTS IN LOW DENSITY STREAM				
1	LOW DENSITY STREAM CAPACITY	283	KLD	
2	OPERATING HOURS	24	HRS	
3	FLOW RATE	11.8	M3/HR	
>	**FINE BARSCREEN - LOW DENSITY STREAM**			
1	QUANTITY	1	NO	
2	PEAK FACTOR CONSIDERED	2.5		
3	AVERAGE FLOW	29.5	M3/HR	
4	VELOCITY	0.7-0.9	M/S	
5	VELOCITY CONSIDERED	0.7	M/S	
6	AREA	0.012	M2	
7	DEPTH TAKEN	0.1	M	
8	CLEAR WIDTH	0.12	M	
9	SPACING B/W BARS	10	MM	
10	NO OF CLEAR OPENINGS	12	NOS	
11	WIDTH OF FLATS	10.00	MM	
12	ACTUAL WIDTH	240	MM	
13	WIDTH OF SCREEN CONSIDERED	264	MM	

14	WIDTH OF SCREEN PROVIDED	300	MM	**ADEQUATE**
15	HEIGHT OF SCREEN	500	MM	**ADEQUATE**
16	MATERIAL OF CONSTRUCTION	MS		
>	**FINE BARSCREEN CHAMBER - LOW DENSITY STREAM**			
1	QUANTITY	1	NO	
2	WIDTH OF CHAMBER	350	MM	
3	LENGTH OF CHAMBER	1250	MM	
4	HEIGHT OF CHAMBER	440	MM	
5	MATERIAL OF CONSTRUCTION	RCC		
6	CHAMBER DIMENSIONS	**1.25 m L X 0.35 m B X 0.44 m H (+0.5 m FB)**		**ADEQUATE**
>	**COLLECTION TANK - LOW DENSITY STREAM**			
1	QUANTITY	1	NO	
2	FLOW RATE	11.8	M3/HR	
3	RETENTION TIME	24.0	HRS	
4	VOLUME OF TANK REQUIRED	283	M3	
5	VOLUME OF TANK PROVIDED	296	M3	
6	LIQUID DEPTH	4.3	M	
7	LENGTH OF TANK	5	M	
8	BREADTH OF TANK	13.8	M	
9	MATERIAL OF CONSTRUCTION	RCC		
10	CHAMBER DIMENSIONS PROVIDED	**5 m L X 13.8 m B X 4.3 m LD (+1.04 m FB)**		**ADEQUATE**
>	**EFFLUENT TRANSFER PUMP- LOW DENSITY STREAM**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	11.8	M3/HR	
3	PUMP CAPACITY PROVIDED	12	M3/HR	**ADEQUATE**
4	HEAD	12	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL - NON CLOG		

6	MATERIAL OF CONSTRUCTION	CI		
>	**COAGULANT DOSING SYSTEM- LOW DENSITY STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	11.8	M3/HR	
3	DOSAGE	30	PPM	
4	SP.GRAVITY	1.6		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	2.2	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	HRS	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF CONSTRUCTION	SS304		
>	**POLYELECTROLYTE DOSING SYSTEM - LOW DENSITY STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	11.8	M3/HR	
3	DOSAGE	0.8	PPM	
4	SP.GRAVITY	1.2		
5	DOSAGE CONCENTRATION	0.1%		
6	DOSAGE RATE	7.9	LPH	
7	PUMP CAPACITY	11	LPH	**ADEQUATE**

	PROVIDED			
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	HRS	
11	TANK CAPACITY REQUIRED	792	LITRES	
12	TANK CAPACITY PROVIDED	800	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF CONSTRUCTION	SS304		
>	**FLASH MIXER- LOW DENSITY STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	11.8	M3/HR	
3	RETENTION TIME	1	MIN	
4	VOLUME	0.20	M3	
5	VOLUME PROVIDED	0.50	M3	
6	MATERIAL OF CONSTRUCTION	MSEP		
7	DIMENSIONS PROVIDED	**0.7 m L X 0.7 m B X 1.1 m Ht +(0.2M FB)**		**ADEQUATE**
8	AGITATOR	1	NO	
9	MATERIAL OF CONSTRUCTION	SS304		
>	**FLOCCULATION TANK - LOW DENSITY STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	11.8	M3/HR	
3	RETENTION TIME	20	MINS	
4	VOLUME	3.93	M3	
5	VOLUME PROVIDED	4.00	M3	
6	MATERIAL OF CONSTRUCTION	MSEP		
7	DIMENSIONS PROVIDED	**1.5 m L X 1.5 m B X 1.8 m Ht (+0.5 M FB)**		**ADEQUATE**

8	AGITATOR	1	NO	
9	MATERIAL OF CONSTRUCTION	SS304		
>	**PRIMARY CLARIFIER – LOW DENSITY STREAM**			
1	QUANTITY	1	NO	
2	DESIGN FLOW RATE	11.8	M3/H	
3	RISE RATE	0.8	M/H	
4	AREA	14.7	M2	
5	DIAMETER REQUIRED	4.3	M	
6	DIAMETER PROVIDED	4.3	M	
7	SWD	3.0	M	
8	FREE BOARD	0.5	M	
9	HEIGHT	3.5	M	
10	EFFECTIVE VOLUME	44.2	M3	
11	RETENTION TIME	3.8	HRS	
12	TOTAL AREA OF CLARIFIER	14.7	M2	
13	CLARIFIER DIAMETER REQUIRED	4.3	M	
14	CLARIFIER DIAMETER PROVIDED	4.4	M	
15	MOC OF TANK	RCC		
16	SIZE	**4400 X 3000 + 500 MM FB**		**ADEQUATE**
ACIDIC STREAM - 67 KLD				
LIST OF EQUIPMENTS IN STREAM				
1	LOW DENSITY STREAM CAPACITY	67	KLD	
2	OPERATING HOURS	24	HRS	
3	FLOW RATE	2.8	M3/HR	
>	**FINE BARSCREEN - ACIDIC STREAM**			
1	QUANTITY	1	NO	
2	PEAK FACTOR CONSIDERED	2.5		
3	AVERAGE FLOW	7.0	M3/HR	
4	VELOCITY	0.7-0.9	M/S	
5	VELOCITY	0.7	M/S	

	CONSIDERED			
6	AREA	0.003	M2	
7	DEPTH TAKEN	0.1	M	
8	CLEAR WIDTH	0.03	M	
9	SPACING B/W BARS	10	MM	
10	NO OF CLEAR OPENINGS	4	NOS	
11	WIDTH OF FLATS	10.00	MM	
12	ACTUAL WIDTH	80	MM	
13	WIDTH OF SCREEN CONSIDERED	88	MM	
14	WIDTH OF SCREEN PROVIDED	300	MM	**ADEQUATE**
15	HEIGHT OF SCREEN	500	MM	**ADEQUATE**
16	MATERIAL OF CONSTRUCTION	SS316		
>	**FINE BARSCREEN CHAMBER- ACIDIC STREAM**			
1	QUANTITY	1	NO	
2	WIDTH OF CHAMBER	350	MM	
3	LENGTH OF CHAMBER	1250	MM	
4	HEIGHT OF CHAMBER	440	MM	
5	MATERIAL OF CONSTRUCTION	RCC		
6	CHAMBER DIMENSIONS	**1.25 m L X 0.35 m B X 0.44 m H (+0.5 m FB)**		**ADEQUATE**
>	**COLLECTION TANK- ACIDIC STREAM**			
1	QUANTITY	1	NO	
2	FLOW RATE	2.8	M3/HR	
3	RETENTION TIME	24.0	HRS	
4	VOLUME OF TANK REQUIRED	67	M3	
5	VOLUME OF TANK PROVIDED	75	M3	
6	LIQUID DEPTH	4.3	M	
7	LENGTH OF TANK	4.9	M	
8	BREADTH OF TANK	3.6	M	
9	MATERIAL OF	RCC		

	CONSTRUCTION			
10	CHAMBER DIMENSIONS PROVIDED	**4.9 m L X 3.6 m B X 4.3 m LD (+1.04 m FB)**		**ADEQUATE**
>	**EFFLUENT TRANSFER PUMP- ACIDIC STREAM**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	2.8	M3/HR	
3	PUMP CAPACITY PROVIDED	3	M3/HR	**ADEQUATE**
4	HEAD	12	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL - NON CLOG		
6	MATERIAL OF CONSTRUCTION	PP		
>	**COAGULANT DOSING SYSTEM- ACIDIC STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	2.8	M3/HR	
3	DOSAGE	30	PPM	
4	SP.GRAVITY	1.6		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.5	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	HRS	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF	SS316		

	CONSTRUCTION			
>	**POLYELECTROLYTE DOSING SYSTEM- ACIDIC STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	2.8	M3/HR	
3	DOSAGE	0.8	PPM	
4	SP.GRAVITY	1.2		
5	DOSAGE CONCENTRATION	0.1%		
6	DOSAGE RATE	1.9	LPH	
7	PUMP CAPACITY PROVIDED	4	LPH	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	HRS	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF CONSTRUCTION	SS316		
>	**ACID/ALKALI DOSING SYSTEM- ACIDIC STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	2.8	M3/HR	
3	DOSAGE	5	PPM	
4	SP.GRAVITY	1.2		
5	DOSAGE CONCENTRATION	33.0%		
6	DOSAGE RATE	0.035	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**

8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF CONSTRUCTION	SS304		
>	**FLASH MIXER- ACIDIC STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	2.8	M3/HR	
3	RETENTION TIME	1	MIN	
4	VOLUME	0.05	M3	
5	VOLUME PROVIDED	0.50	M3	
6	MATERIAL OF CONSTRUCTION	MSEP		
7	DIMENSIONS PROVIDED	**0.7 m L X 0.7 m B X 1.1 m Ht (+0.2 M FB)**		**ADEQUATE**
8	AGITATOR	1	NO	
9	MATERIAL OF CONSTRUCTION	SS316		
>	**FLOCCULATION TANK- ACIDIC STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	2.8	M3/HR	
3	RETENTION TIME	20	MINS	
4	VOLUME	0.93	M3	
5	VOLUME PROVIDED	1.00	M3	
6	MATERIAL OF CONSTRUCTION	MSEP		
7	DIMENSIONS PROVIDED	**1 m L X 1 m B X 1 m Ht (+0.4 M FB)**		**ADEQUATE**
8	AGITATOR	1	NO	

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9	MATERIAL OF CONSTRUCTION	SS316		
>	**TUBE SETTLER - ACIDIC STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	2.8	M3/HR	
3	FLOW RATE CONSIDERED	3.00	M3/H	
4	VERTICAL HEIGHT OF TUBE SETTLER MEDIA	0.75	M	
5	CROSS SECTION SIZE	120 X 44	MM X MM	
6	SETTLING AREA	11	M2/M3	
7	ANGLE OF INCLINATION	60.00	DEG	
8	SETTLING VELOCITY	0.55	M/HR	
9	FACTOR OF SAFETY	0.60		
10	PLAN AREA REQD	9.09	M2	
11	VOLUME OF TUBEDEK PER CLARIFIER	0.83	M3	
12	AREA OF TUBEDEK	1.10	M2	
13	SLR	2.72	M/HR	
14	DESIGN SLR	2.50	M/HR	
15	AREA OF TUBEDEK REQUIRED	1.20	M2	
16	DIMENSION OF TUBEDEK	**1.73 m x 0.69 m**		
17	ANGLE CORRECTION	0.43	M	
18	INLET WEIR	0.60	M	
19	TANK DIMENSION	**1.73 m x 1.73 m**		
20	ACTUAL TUBE PLAN AREA	1.20	M2	
21	ACTUAL TUBE VOLUME	0.90	M3	
22	SLR AT DESIGN FLOW	2.50	M/HR	
23	WATER ABOVE T.S. CLEAR WATER ZONE	0.50	M	
24	WATER BELOW T.S. BAFFLE ZONE	1.00	M	
25	SIDE WATER DEPTH	2.25	M	
26	FREE BOARD	0.30	M	

27	TANK DEPTH (EXCL.HOPPER)	2.55	M	
28	TANK DIMENSION	**1.73m L x 1.73m B x 2.55m Ht**		
29	NO OF HOPPERS	1		
30	BOTTOM SLOPE	45	DEGREES	
31	TUBEDEK VOLUME	0.90	M3	
32	MATERIAL OF CONSTRUCTION	MSEP		
33	TANK DIMENSION PROVIDED	**1.73 m L x 1.73 m B x 2.55 m Ht (+0.4 M FB)**		**ADEQUATE**
OIL & BLOW WATER STREAM - 118 KLD				
LIST OF EQUIPMENTS IN OIL BLOW WATER STREAM				
1	LOW DENSITY STREAM CAPACITY	118	KLD	
2	OPERATING HOURS	24	HRS	
3	FLOW RATE	4.9	M3/HR	
>	**FINE BARSCREEN - OIL & BLOW WATER STREAM**			
1	QUANTITY	1	NO	
2	PEAK FACTOR CONSIDERED	2.5		
3	AVERAGE FLOW	12.3	M3/HR	
4	VELOCITY	0.7-0.9	M/S	
5	VELOCITY CONSIDERED	0.7	M/S	
6	AREA	0.005	M2	
7	DEPTH TAKEN	0.1	M	
8	CLEAR WIDTH	0.05	M	
9	SPACING B/W BARS	10	MM	
10	NO OF CLEAR OPENINGS	6	NOS	
11	WIDTH OF FLATS	10.00	MM	
12	ACTUAL WIDTH	120	MM	
13	WIDTH OF SCREEN CONSIDERED	132	MM	
14	WIDTH OF SCREEN PROVIDED	300	MM	**ADEQUATE**
15	HEIGHT OF SCREEN	500	MM	**ADEQUATE**

16	MATERIAL OF CONSTRUCTION	MS		
>	**FINE BARSCREEN CHAMBER - OIL & BLOW WATER STREAM**			
1	QUANTITY	1	NO	
2	WIDTH OF CHAMBER	350	MM	
3	LENGTH OF CHAMBER	1250	MM	
4	HEIGHT OF CHAMBER	440	MM	
5	MATERIAL OF CONSTRUCTION	RCC		
6	CHAMBER DIMENSIONS	**1.25 m L X 0.35 m B X 0.44 m H (+0.5 m FB)**		**ADEQUATE**
>	**OIL SKIMMER**			
1	QUANTITY	1	NO	
2	FLOW RATE	4.9	M3/HR	
3	RETENTION TIME CONSIDERED	30.0	MIN	
4	VOLUME OF TANK REQUIRED	0.5	M3	
5	DEPTH TAKEN	1.55	M	
6	AREA	0.3	M2	
7	LENGTH	1.25	M	
8	BREADTH	0.6	M	
9	TANK DIMENSIONS	**1.25m L x 0.6m B x 1.55m Ht (+0.94 M FB)**		**ADEQUATE**
>	**COLLECTION TANK- OIL & BLOW WATER STREAM**			
1	QUANTITY	1	NO	
2	FLOW RATE	4.9	M3/HR	
3	RETENTION TIME	24.0	HRS	
4	VOLUME OF TANK REQUIRED	118	M3	
5	VOLUME OF TANK PROVIDED	159	M3	
6	LIQUID DEPTH	4.3	M	
7	LENGTH OF TANK	5.0	M	
8	BREADTH OF TANK	7.4	M	
9	MATERIAL OF CONSTRUCTION	RCC		

10	CHAMBER DIMENSIONS PROVIDED	**5.0 m L X 7.4 m B X 4.3 m LD (+1.04 m FB)**		**ADEQUATE**
>	**EFFLUENT TRANSFER PUMP - OIL & BLOW WATER STREAM**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	4.9	M3/HR	
3	PUMP CAPACITY PROVIDED	5	M3/HR	**ADEQUATE**
4	HEAD	10	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL - NON CLOG		
6	MATERIAL OF CONSTRUCTION	CI		
>	**COAGULANT DOSING SYSTEM - OIL & BLOW WATER STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	4.9	M3/HR	
3	DOSAGE	30	PPM	
4	SP.GRAVITY	1.6		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.9	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	HRS	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF	SS304		

	CONSTRUCTION			
>	**POLYELECTROLYTE DOSING SYSTEM - OIL & BLOW WATER STREAM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	4.9	M3/HR	
3	DOSAGE	0.8	PPM	
4	SP.GRAVITY	1.2		
5	DOSAGE CONCENTRATION	0.1%		
6	DOSAGE RATE	3.3	LPH	
7	PUMP CAPACITY PROVIDED	4	LPH	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	HRS	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF CONSTRUCTION	SS304		
>	**FLASH MIXER - OIL & BLOW WATER STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	4.9	M3/HR	
3	RETENTION TIME	1	MIN	
4	VOLUME	0.08	M3	
5	VOLUME PROVIDED	0.50	M3	
6	MATERIAL OF CONSTRUCTION	MSEP		
7	DIMENSIONS PROVIDED	**0.7 m L X 0.875 m B X 1.1 m Ht (+0.2 M FB)**		**ADEQUATE**
8	AGITATOR	1	NO	

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9	MATERIAL OF CONSTRUCTION	SS304		
>	**FLOCCULATION TANK - OIL & BLOW WATER STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	4.9	M3/HR	
3	RETENTION TIME	20	MINS	
4	VOLUME	1.64	M3	
5	VOLUME PROVIDED	2.00	M3	
6	MATERIAL OF CONSTRUCTION	MSEP		
7	DIMENSIONS PROVIDED	**1.2 m L X 1.2 m B X 1.4 m Ht (+0.4 M FB)**		**ADEQUATE**
8	AGITATOR	1	NO	
9	MATERIAL OF CONSTRUCTION	SS304		
>	**TUBE SETTLER - OIL & BLOW WATER STREAM**			
1	QUANTITY	1	NO	
2	FLOWRATE	4.9	M3/HR	
3	FLOW RATE CONSIDERED	5.00	M3/H	
4	VERTICAL HEIGHT OF TUBE SETTLER MEDIA	0.75	M	
5	CROSS SECTION SIZE	120 X 44	MM X MM	
6	SETTLING AREA	11	M2/M3	
7	ANGLE OF INCLINATION	60.00	DEG	
8	SETTLING VELOCITY	0.55	M/HR	
9	FACTOR OF SAFETY	0.60		
10	PLAN AREA REQD	15.15	M2	
11	VOLUME OF TUBEDEK PER CLARIFIER	1.38	M3	
12	AREA OF TUBEDEK	1.84	M2	
13	SLR	2.72	M/HR	
14	DESIGN SLR	2.50	M/HR	
15	AREA OF TUBEDEK REQUIRED	2.00	M2	
16	DIMENSION OF TUBEDEK	**2.02 m x 0.99 m**		

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17	ANGLE CORRECTION	0.43	M	
18	INLET WEIR	0.60	M	
19	TANK DIMENSION	**2.02 m x 2.02 m**		
20	ACTUAL TUBE PLAN AREA	2.00	M2	
21	ACTUAL TUBE VOLUME	1.50	M3	
22	SLR AT DESIGN FLOW	2.50	M/HR	
23	WATER ABOVE T.S. CLEAR WATER ZONE	0.50	M	
24	WATER BELOW T.S. BAFFLE ZONE	1.00	M	
25	SIDE WATER DEPTH	2.25	M	
26	FREE BOARD	0.30	M	
27	TANK DEPTH (EXCL.HOPPER)	2.55	M	
28	TANK DIMENSION	**2.02m L x 2.02m B x 2.55m Ht**		
29	NO OF HOPPERS	1		
30	BOTTOM SLOPE	45	DEGREES	
31	TUBEDEK VOLUME	1.50	M3	
32	MATERIAL OF CONSTRUCTION	MSEP		
33	TANK DIMENSION PROVIDED	**2.02m L x 2.02m B x 2.55m Ht (+0.40 M FB)**		**ADEQUATE**
COMBINED ETP SYSTEM - 468 KLD				
LIST OF EQUIPMENTS IN COMBINED STREAM				
1	PLANT CAPACITY	468	KLD	
2	OPERATING HOURS	24	HRS	
3	SERVICE FLOW RATE	19.5	M3/HR	
>	**BIO REACTOR TANK(AERATION TANK+ ANOXIC TANK+ MBR TANK)**			
1	MLSS TAKEN	8000	PPM	
2	MLVSS	80%		
3	F/M RATIO	0.12		
4	BOD LOAD	607.5	KG/DAY	
5	BIO REACTOR VOLUME	791.0	M3	
>	**ANOXIC TANK**			

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1	QUANTITY	1.00	NO	
2	TANK VOLUME	10%	BRV	
3	VOLUME REQUIRED	79.1	M3	
4	LIQUID DEPTH	3.7	M	
5	LENGTH	5.0	M	
6	BREADTH	5.0	M	
7	AREA PROVIDED	24.8	M2	
8	VOLUME PROVIDED	92	M3	
9	RETENTION TIME	4.7	HRS	
10	MATERIAL OF CONSTRUCTION	RCC		
11	TANK DIMENSIONS	**5.0m L x 5.0 M B x 3.7m LD (+0.3 M FB)**		**ADEQUATE**
>	**MBR MODULE**			
1	OPERATING HOURS CONSIDERED	24.0	HOURS	
2	AVERAGE FLOW	22.3	M3/HR	
3	FLUX CONSIDERED	15.0	LM2H	
4	MEMBRANE AREA	1486	M2	
5	MEMBRANE AREA CONSIDERED	1500	M2	
6	AREA PER MODULE	1500	M2	
7	NO OF MODULES	2.0	NOS	
>	**MBR TANK**			
1	QUANTITY	1.00	NO	
2	LIQUID DEPTH	3.3	M	
3	LENGTH	2.5	M	
4	BREADTH	5.0	M	
5	VOLUME PROVIDED	41.0	M3	
6	MATERIAL OF CONSTRUCTION	RCC		
7	TANK DIMENSIONS	**2.5 m L x 5.0 m B x 3.3 m LD (+0.7 M FB)**		**ADEQUATE**
>	**AERATION TANK**			
1	QUANTITY	1.00	NO	
2	AERATION TANK VOLUME	689.8	M3	

3	VOLUME PROVIDED	734	M3	
4	LIQUID DEPTH	3.5	M	
5	RETENTION TIME	37.6	HRS	
6	MATERIAL OF CONSTRUCTION	RCC		
7	TANK DIMENSIONS	**625 M3 - 11.1m L x 16.1 m B x 3.5m LD +(0.5 M FB) 109 M3 – 2.9 m L x 10.8 m B x 3.5m LD +(0.5 M FB)**		**ADEQUATE**
>	**AIR VOLUME FOR AERATION TANK**			
1	O2 REQUIREMENT	2.0	KG OF O2/KG OF BOD	
2	O2 REQUIRED	1214.9	KG OF O2/DAY	
3	O2 REQUIRED	50.6	KG/HR	
4	DENSITY OF AIR	1.2	KG/M3	
5	O2 IN AIR	0.2		
6	OTE	0.2		
7	ALPHA FACTOR	0.7		
8	BETA FACTOR	1.0		
9	AIR VOLUME	1650.1	M3/HR	
10	FINE DIFFUSERS REQUIRED AIR	9.0	M3/HR PER DIFFUSER	
11	NO OF DIFFUSERS	183.3	NOS	
12	NO OF DIFFUSERS PROVIDED	184.0	NOS	
>	**AIR BLOWER FOR COLLECTION TANK**			
1	QUANTITY	2 (1W+1S)	NO	
2	LOW DENSITY COLLECTION TANK - AIR REQUIRED	142	M3/HR	
3	ACIDIC COLLECTION TANK - AIR REQUIRED	34	M3/HR	
4	OIL & BLOW WATER COLLECTION TANK - AIR REQUIRED	59	M3/HR	

5	CIRCULATION COLLECTION TANK - AIR REQUIRED	100	M3/HR	
6	TOTAL AIR VOLUME	334	M3/HR	
7	AIR VOLUME PROVIDED	367	M3/HR	**ADEQUATE**
8	HEAD	4000	MMWC	
9	TYPE	TWIN LOBE		
10	MATERIAL OF CONSTRUCTION	CI		
>	**AIR BLOWER FOR AERATION TANK**			
1	QUANTITY	2 (1W+1S)	NO	
2	AERATION TANK - AIR REQUIRED	1650	M3/HR	
3	TOTAL AIR VOLUME	1650	M3/HR	
4	AIR VOLUME PROVIDED	1815	M3/HR	**ADEQUATE**
5	HEAD	4000	MMWC	
6	TYPE	TWIN LOBE		
7	MATERIAL OF CONSTRUCTION	CI		
>	**AIR BLOWER FOR MBR TANK**			
1	QUANTITY	2 (1W+1S)	NO	
2	AIR REQUIREMENT	0.35	M3/HR/M2	
3	AIR REQUIRED	520	M3/HR	
4	AIR VOLUME PROVIDED	572	M3/HR	**ADEQUATE**
5	HEAD	4000	MMWC	
6	TYPE	TWIN LOBE		
7	MATERIAL OF CONSTRUCTION	CI		
>	**REACTIVATED SLUDGE PUMPS**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY REQUIRED	78.3		
3	FACTOR CONSIDERED	4.0		
4	PUMP CAPACITY	78.0	M3/HR	**ADEQUATE**
5	HEAD	12.0	MWC	

6	TYPE	HORIZONTAL CENTRIFUGAL		
7	MATERIAL OF CONSTRUCTION	CI		
>	**CLEAN-IN-PLACE TANK**			
1	QUANTITY	1	NO	
2	FLUX TAKEN	2	LM2H	
3	LITER OF SOLUTION REQUIRED	3000	LITERS	
4	TANK CAPCITY PROVIDED	3000	LITERS	**ADEQUATE**
5	MATERIAL OF CONSTRUCTION	FRP		
>	**MBR PERMEATE TRANSFER PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	22.3	M3/HR	
3	PUMP CAPACITY PROVIDED	23	M3/HR	**ADEQUATE**
4	HEAD	12	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	CI		
>	**MBR PERMEATE TANK**			
1	QUANTITY	1.00	NO	
2	RETENTION TIME	2.0	HRS	
3	TANK VOLUME	44.6	M3	
4	VOLUME PROVIDED	49.0	M3	**ADEQUATE**
5	LIQUID DEPTH	3.5	M	
6	LENGTH	4.0	M	
7	BREADTH	3.5	M	
8	MATERIAL OF CONSTRUCTION	RCC		
9	TANK DIMENSIONS	**4.0m L x 3.5m B x 3.5m LD (+0.5 M FB)**		**ADEQUATE**
>	**DISINFECTION DOSING SYSTEM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	19.5	M3/HR	

3	DOSAGE	5	PPM	
4	SP.GRAVITY	1.1		
5	DOSAGE CONCENTRATION	6.0%		
6	DOSAGE RATE	1.5	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**SLUDGE HANDLING SYSTEM**			
>	**CHEMICAL SLUDGE VOLUME**			
1	INLET FLOW	19.5	M3/HR	
2	OPERATING HOURS	24	HRS	
3	FLOW VOLUME	468	M3/DAY	
4	INLET TSS	150	PPM	
5	COAGULANT DOSING	90	PPM	
6	POLY DOSING	3	PPM	
7	ACID/ALKALI DOSING	3	PPM	
8	TOTAL SOLIDS	115	KGS/DAY	
9	SLUDGE CONSISTENCY	1.00%		
10	SLUDGE GENERATED	11.51	M3/DAY	
>	**BIOLOGICAL SLUDGE VOLUME**			
1	BOD CONTRIBUTION	50%		
2	TSS CONTRIBUTION	100%		
3	BOD LOAD	303.7	KGS/DAY	
4	TSS LOAD	70.2	KGS/DAY	
5	TOTAL SOLIDS	373.9	KGS/DAY	

6	SLUDGE CONSISTENCY	1%		
7	SLUDGE GENERATED	37.4	M3/DAY	
>	**SLUDGE HOLDING TANK (CHEMICAL + BIOLOGICAL)**			
1	TYPE	TWIN COMPARTMENT		
	COMPARTMENT - I			
2	CHEMICAL SLUDGE GENERATED PER HOUR	0.48	M3/HR	
3	RETENTION TIME	4.00	HRS	
4	TANK VOLUME	1.92	M3	
5	TANK VOLUME PROVIDED	7.8	M3	
	COMPARTMENT - II			
6	BIOLOGICAL SLUDGE GENERATED PER HOUR	1.56	M3/HR	
7	RETENTION TIME	4.00	HRS	
8	TANK VOLUME	6.23	M3	
9	TANK VOLUME PROVIDED	7.8	M3	
10	MATERIAL OF CONSTRUCTION	RCC		
11	LIQUID DEPTH	1.5	M	
12	AREA	5.2	M2	
13	LENGTH	2.3	M	
14	BREADTH	2.265	M	
15	TANK DIMENSIONS FOR EACH COMPARTMENT	**2.3 m L x 2.265 m B x 1.5 m LD (+1.3 M FB)**		**ADEQUATE**
>	**CHEMICAL SLUDGE SYSTEM**			
>	**CHEMICAL SLUDGE - FILTER PRESS FEED PUMP**			
1	QUANTITY	2(1W+1S)	NOS	
2	SLUDGE CAPACITY	11.51	M3	
3	FILTER PRESS BATCH	4.00	NOS	
4	PUMP OPERATING HOURS	1.50	HRS	

5	PUMP CAPACITY	1.92	M3/HR	
6	CAPACITY PROVIDED FOR EACH PUMP	2.00	M3/HR	**ADEQUATE**
7	HEAD	60.00	M	
8	TYPE	SCREW PUMP		
9	MATERIAL OF CONSTRUCTION	CI		
>	**CHEMICAL SLUDGE - FILTER PRESS**			
1	QUANTITY	1.00	NO	
2	TOTAL SOLIDS	115	KG/DAY	
3	SPECIFIC GRAVITY	1.2		
4	MOISTURE	60%		
5	CAKE GENERATED PER DAY	159.9	LTR / DAY	
6	NO OF BATCHES	4.00	NOS	
7	CAKE GENERATED PER BATCH	39.98	LTR /BATCH	
8	FILTERPRESS CAKE HOLDING CAPACITY	50.00	LTR /BATCH	**ADEQUATE**
9	SLUDGE CONSISTENCY	25%	%	
10	SLUDGE PER DAY	0.46	M3/DAY	
11	SLUDGE PER HOUR	0.02	M3/HR	
12	TOTAL FILTRATE PER DAY	11.05	M3/DAY	
13	TOTAL FILTRATE PER HOUR	0.46	M3/HR	
14	MATERIAL OF CONSTRUCTION	MS FRAME/PP PLATES		
>	**CHEMICAL SLUDGE - POLYELECTROLYTE DOSING SYSTEM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	0.5	M3/HR	
3	DOSAGE	0.8	PPM	
4	SP.GRAVITY	1.2		
5	DOSAGE CONCENTRATION	0.1%		

6	DOSAGE RATE	0.3	LPH	
7	PUMP CAPACITY PROVIDED	6.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	500	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
14	AGITATOR	1	NO	
15	MATERIAL OF CONSTRUCTION	SS304		
>	**BIOLOGICAL SLUDGE SYSTEM**			
>	**BIOLOGICAL SLUDGE - FILTER PRESS FEED PUMP**			
1	QUANTITY	2(1W+1S)	NOS	
2	SLUDGE CAPACITY	37.39	M3	
3	FILTER PRESS BATCH	4.00	NOS	
4	PUMP OPERATING HOURS	1.50	HRS	
5	PUMP CAPACITY	6.23	M3/HR	
6	CAPACITY PROVIDED FOR EACH PUMP	6.50	M3/HR	**ADEQUATE**
7	HEAD	60.00	M	
8	TYPE	SCREW PUMP		
9	MATERIAL OF CONSTRUCTION	CI		
>	**BIOLOGICAL SLUDGE - FILTER PRESS**			
1	QUANTITY	1.00	NO	
2	TOTAL SOLIDS	374	KG/DAY	
3	SPECIFIC GRAVITY	1.2		
4	MOISTURE	60%		
5	CAKE GENERATED PER DAY	519.4	LTR / DAY	

6	NO OF BATCHES	4.00	NOS	
7	CAKE GENERATED PER BATCH	130	LTR /BATCH	
8	FILTERPRESS CAKE HOLDING CAPACITY	150	LTR /BATCH	**ADEQUATE**
9	SLUDGE CONSISTENCY	25%	%	
10	SLUDGE PER DAY	1.50	M3/DAY	
11	SLUDGE PER HOUR	0.06	M3/HR	
12	TOTAL FILTRATE PER DAY	35.90	M3/DAY	
13	TOTAL FILTRATE PER HOUR	1.50	M3/HR	
14	MATERIAL OF CONSTRUCTION	MS FRAME/PP PLATES		
>	**BIOLOGICAL SLUDGE - POLYELECTROLYTE DOSING SYSTEM**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	1.6	M3/HR	
3	DOSAGE	0.8	PPM	
4	SP.GRAVITY	1.2		
5	DOSAGE CONCENTRATION	0.1%		
6	DOSAGE RATE	1.0	LPH	
7	PUMP CAPACITY PROVIDED	20	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	TANK CAPACITY PROVIDED	1500	LITRES	**ADEQUATE**
11	MATERIAL OF CONSTRUCTION	LDPE		
12	AGITATOR	1	NO	
13	MATERIAL OF CONSTRUCTION	SS304		
REVERSE OSMOSIS SYSTEM - I				
>	**RO-I FEED PUMP**			

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1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	19.5	M3/HR	
3	PUMP CAPACITY PROVIDED	20.0	M3/HR	**ADEQUATE**
4	HEAD	20.0	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS316		
>	**ANTI SCALANT DOSING SYSTEM FOR RO-I**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	19.5	M3/HR	
3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.5		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.5	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**ANTI OXIDANT DOSING SYSTEM FOR RO-I**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	19.5	M3/HR	
3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.4		
5	DOSAGE CONCENTRATION	10.0%		

6	DOSAGE RATE	0.6	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**ACID DOSING SYSTEM FOR RO-I**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	19.5	M3/HR	
3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.5		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.5	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**MICRON CARTRIDGE FILTER FOR RO-I**			
1	QUANTITY	1	NO	
2	FLOW RATE	19.5	M3/HR	

3	MICRON RATING	5	MICRON	
	MATERIAL OF CONSTRUCTION			
4	FILTER HOUSING	SS316		
5	CARTRIDGES	PP		
>	**RO-I HIGH PRESSURE PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	19.5	M3/HR	**ADEQUATE**
3	HEAD	121	M	
4	TYPE	VERTICAL MULTISTAGE		
5	MATERIAL OF CONSTRUCTION	SS316		
>	**REVERSE OSMOSIS SKID - I**			
1	SKID QUANTITY	1	NO	
2	NET RO PERMEATE	14.6	M3/HR	
3	RECOVERY	75%		
4	INLET FEED REQUIRED	19.5	M3/HR	
5	FLUX (IN LMH)	18.7		
6	NO OF MEMBRANES PROVIDED/PRESSURE TUBE	2X7;1X7		
7	NO OF PRESSURE TUBES PROVIDED	3		
8	TOTAL NO OF MEMBRANES PROVIDED	21		
9	NO OF STAGES	2		
10	MEMBRANE TYPE	POLYAMIDE SPIRAL WOUND		
>	**RO COMMON PERMEATE TANK**			
1	QUANTITY	1.00	NO	
2	RETENTION TIME	2.0	HRS	
3	FLOWRATE	18.6	M3/HR	
4	TANK VOLUME	37.1	M3	
5	TANK VOLUME PROVIDED	42.0	M3	
6	LIQUID DEPTH	3.5	M	

7	AREA	12.0	M2	
8	LENGTH	3.5	M	
9	BREADTH	3.5	M	
10	MATERIAL OF CONSTRUCTION	RCC		
11	TANK DIMENSIONS	**3.5m L x 3.5m B x 3.5m LD (+0.5M FB)**		**ADEQUATE**
>	**RO-I REJECT TANK**			
1	QUANTITY	1.00	NO	
2	RETENTION TIME	2.0	HRS	
3	FLOWRATE	4.9	M3/HR	
4	TANK VOLUME	9.8	M3	
5	TANK VOLUME PROVIDED	14.7	M3	
6	LIQUID DEPTH	3.5	M	
7	AREA	4.2	M2	
8	LENGTH	1.2	M	
9	BREADTH	3.5	M	
10	MATERIAL OF CONSTRUCTION	RCC		
11	TANK DIMENSIONS	**1.2m L x 3.5 m B x 3m LD (+0.5M FB)**		**ADEQUATE**
REVERSE OSMOSIS SYSTEM - II				
>	**RO-II FEED PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	4.9	M3/HR	
3	PUMP CAPACITY PROVIDED	5.0	M3/HR	**ADEQUATE**
4	HEAD	20.0	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS316		
>	**ANTI SCALANT DOSING SYSTEM FOR RO-II**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	4.9	M3/HR	

3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.5		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.1	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**ACID DOSING SYSTEM FOR RO-II**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	4.9	M3/HR	
3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.5		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.1	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		

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>	**MICRON CARTRIDGE FILTER FOR RO-II**			
1	QUANTITY	1	NO	
2	FLOW RATE	4.9	M3/HR	
3	MICRON RATING	5	MICRON	
	MATERIAL OF CONSTRUCTION			
4	FILTER HOUSING	PP		
5	CARTRIDGES	PP		
>	**RO-II HIGH PRESSURE PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	4.9	M3/HR	**ADEQUATE**
3	HEAD	241	M	
4	TYPE	VERTICAL MULTISTAGE		
5	MATERIAL OF CONSTRUCTION	SS316		
>	**REVERSE OSMOSIS SKID - II**			
1	SKID QUANTITY	1	NO	
2	NET RO PERMEATE	3.2	M3/HR	
3	RECOVERY	65%		
4	INLET FEED REQUIRED	4.9	M3/HR	
5	FLUX (IN LMH)	17.2		
6	NO OF MEMBRANES PROVIDED / PRESSURE TUBE	1X5		
7	NO OF PRESSURE TUBES PROVIDED	1		
8	TOTAL NO OF MEMBRANES PROVIDED	5		
9	NO OF STAGES	1		
10	MEMBRANE TYPE	POLYAMIDE SPIRAL WOUND		
>	**RO-II REJECT TANK**			
1	QUANTITY	1.00	NO	
2	RETENTION TIME	2.0	HRS	
3	FLOWRATE	1.7	M3/HR	
4	TANK VOLUME	3.4	M3	

5	TANK VOLUME PROVIDED	3.5	M3	
6	TANK DIMENSIONS	**1600 DIA x 1750 HT + 150 MM FB**		**ADEQUATE**
7	MATERIAL OF CONSTRUCTION	FRP		
REVERSE OSMOSIS SYSTEM - III				
>	**RO-III FEED PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	1.7	M3/HR	
3	PUMP CAPACITY PROVIDED	2.0	M3/HR	**ADEQUATE**
4	HEAD	20.0	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS316		
>	**ANTI SCALANT DOSING SYSTEM FOR RO-III**			
	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	1.7	M3/HR	
3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.5		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.05	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**ACID DOSING SYSTEM FOR RO-III**			

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	DOSING PUMP			
1	QUANTITY	2(1W+1S)	NOS	
2	DESIGN FLOW RATE	1.7	M3/HR	
3	DOSAGE	4	PPM	
4	SP.GRAVITY	1.5		
5	DOSAGE CONCENTRATION	10.0%		
6	DOSAGE RATE	0.0	LPH	
7	PUMP CAPACITY PROVIDED	4.0	LPH	**ADEQUATE**
8	MOC	PP		
	DOSING TANK			
9	QUANTITY	1	NO	
10	RETENTION TIME	72	Hrs	
11	TANK CAPACITY REQUIRED	288	LITRES	
12	TANK CAPACITY PROVIDED	300	LITRES	**ADEQUATE**
13	MATERIAL OF CONSTRUCTION	LDPE		
>	**MICRON CARTRIDGE FILTER FOR RO-III**			
1	QUANTITY	1	NO	
2	FLOW RATE	1.7	M3/HR	
3	MICRON RATING	5	MICRON	
	MATERIAL OF CONSTRUCTION			
4	FILTER HOUSING	PP		
5	CARTRIDGES	PP		
>	**RO-III HIGH PRESSURE PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	1.7	M3/HR	**ADEQUATE**
3	HEAD	318	M	
4	TYPE	HORIZONTAL MULTISTAGE OR PLUNGER		
5	MATERIAL OF CONSTRUCTION	SS316		
>	**REVERSE OSMOSIS SKID - III**			

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1	SKID QUANTITY	1	NO	
2	NET RO PERMEATE	0.8	M3/HR	
3	RECOVERY	45%		
4	INLET FEED REQUIRED	1.7	M3/HR	
5	FLUX (IN LMH)	16		
6	NO OF MEMBRANES PROVIDED / PRESSURE TUBE	1X6		
7	NO OF PRESSURE TUBES PROVIDED	1		
8	TOTAL NO OF MEMBRANES PROVIDED	6		
9	NO OF STAGES	1		
10	MEMBRANE TYPE	POLYAMIDE SPIRAL WOUND		
>	**RO-III REJECT TANK**			
1	QUANTITY	1.00	NO	
2	RETENTION TIME	18	HRS	
3	FLOWRATE	1.5	M3/HR	
4	TANK VOLUME	27	M3	
5	TANK VOLUME PROVIDED	28	M3	
6	TANK DIMENSIONS	**3000 DIA x 4000 HT + 300 MM FB**		**ADEQUATE**
7	MATERIAL OF CONSTRUCTION	FRP		
>	**MULTIPLE EFFECT EVAPORATOR FEED PUMP**			
1	QUANTITY	2 (1W+1S)	NOS	
2	PUMP CAPACITY	1.1	M3/HR	
3	PUMP CAPACITY PROVIDED	1.5	M3/HR	**ADEQUATE**
4	HEAD	20.0	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS316		
>	**MULTIPLE EFFECT EVAPORATOR**			
1	QUANTITY	1	NO	

2	CAPACITY	1.5	M3/HR	
	MATERIAL OF CONSTRUCTION			
3	FEED/PRODUCT	SS 316Ti		
4	VAPOR / CONDENSATE	SS 304		
5	VAPOR LIQUID SEPARATORS	SS 316L		
RO - CHEMICAL CLEANING SYSTEM				
>	**CLEAN-IN-PLACE TANK**			
1	QUANTITY	1	NO	
2	TANK CAPCITY PROVIDED	500	LITERS	**ADEQUATE**
8	MATERIAL OF CONSTRUCTION	FRP		
>	**CIP PUMP**			
1	QUANTITY	1	NOS	
2	PUMP CAPACITY	27	M3/HR	**ADEQUATE**
4	HEAD	15	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS316		
>	**MICRON CARTRIDGE FILTER FOR CIP SYSTEM**			
1	QUANTITY	1	NO	
2	FLOW RATE	27	M3/HR	
3	MICRON RATING	5	MICRON	
	MATERIAL OF CONSTRUCTION			
4	FILTER HOUSING	SS316		
5	CARTRIDGES	PP		
>	**ADDITIONAL ITEMS**			
	TP1 to TP2 TRANSFER PUMPS			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	2.4	M3/HR	
3	PUMP CAPACITY PROVIDED	2.4	M3/HR	**ADEQUATE**
4	HEAD	12	MWC	

5	TYPE	HORIZONTAL CENTRIFUGAL - NON CLOG		
6	MATERIAL OF CONSTRUCTION	CI		
	RO PERMEATE TRANSFER PUMPS			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	38.5	M3/HR	
3	PUMP CAPACITY PROVIDED	38.5	M3/HR	**ADEQUATE**
4	HEAD	20	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS 316		
>	**DRAIN SUMP**			
1	QUANTITY	1	NO	
2	VOLUME OF TANK PROVIDED	6	M3	
3	MATERIAL OF CONSTRUCTION	RCC		
	DRAIN SUMP PUMPS			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	0.5	M3/HR	
3	PUMP CAPACITY PROVIDED	1	M3/HR	**ADEQUATE**
4	HEAD	15	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	SS 316		
>	**MBR @ PROCESS PUMPS**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	10	M3/HR	**ADEQUATE**
3	HEAD	20	MWC	
4	TYPE	Horizontal Centrifugal		
5	MATERIAL OF CONSTRUCTION	CI		
>	**BLOW WATER TANK**			
1	QUANTITY	1	NO	

Owner : M/s. INDIA YAMAHA MOTOR PVT.LTD

Location : KANCHIPURAM,TAMIL NADU

2	VOLUME OF TANK PROVIDED	3	M3	
3	MATERIAL OF CONSTRUCTION	RCC		
4	TANK DIMENSIONS	**1500 x 1200 x 1670 + 830 MM FB**		**ADEQUATE**
	BLOW WATER PUMPS			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	0.5	M3/HR	
3	PUMP CAPACITY PROVIDED	1	M3/HR	**ADEQUATE**
4	HEAD	15	MWC	
5	TYPE	HORIZONTAL CENTRIFUGAL		
6	MATERIAL OF CONSTRUCTION	CI		
>	**CONDENSATE WATER TANK**			
1	QUANTITY	1	NO	
2	VOLUME OF TANK PROVIDED	10	M3	
3	MATERIAL OF CONSTRUCTION	RCC		
4	TANK DIMENSIONS	**2000 x 2000 x 2000 + 1240 MM FB**		**ADEQUATE**

>	**CONDENSATE WATER PUMPS**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	2	M3/HR	**ADEQUATE**
3	HEAD	15	MWC	
4	TYPE	Horizontal Centrifugal		
5	MATERIAL OF CONSTRUCTION	SS316		
>	**HIGH OIL CONTENT RECEIVER (DAF-1) TANK**			
1	QUANTITY	1	NO	
2	VOLUME OF TANK PROVIDED	20	M3	
3	MATERIAL OF CONSTRUCTION	RCC		
4	TANK DIMENSIONS	**5100 x 1870 x 2100 + 300 MM FB**		**ADEQUATE**
>	**DAF - 1 FEED PUMPS**			

Owner : M/s. INDIA YAMAHA MOTOR PVT.LTD

Location : KANCHIPURAM,TAMIL NADU

1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	5	M3/HR	**ADEQUATE**
3	HEAD	15	MWC	
4	TYPE	Horizontal Centrifugal		
5	MATERIAL OF CONSTRUCTION	CI		
>	**DAF-1 PRODUCT TANK**			
1	QUANTITY	1	NO	
2	VOLUME OF TANK PROVIDED	10	M3	
3	MATERIAL OF CONSTRUCTION	RCC		
4	TANK DIMENSIONS	**5100 x 1000 x 2100 + 300 MM FB**		**ADEQUATE**
>	**DAF - 1 PRODUCT PUMPS**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	5	M3/HR	**ADEQUATE**
3	HEAD	20	MWC	
4	TYPE	Horizontal Centrifugal		
5	MATERIAL OF CONSTRUCTION	CI		
>	**DAF-2 PRODUCT TANK**			
1	QUANTITY	1	NO	
2	VOLUME OF TANK PROVIDED	2	M3	
3	MATERIAL OF CONSTRUCTION	FRP		
4	TANK DIMENSIONS	**1200 DIA x 1800 HT + 200 MM FB**		**ADEQUATE**
>	**DAF - 2 PRODUCT PUMPS**			
1	QUANTITY	2(1W+1S)	NOS	
2	PUMP CAPACITY	1	M3/HR	**ADEQUATE**
3	HEAD	12	MWC	
4	TYPE	Horizontal Centrifugal		
5	MATERIAL OF CONSTRUCTION	CI		

5. BATTERY LIMIT CONDITION

5.1. EFFLUENT TREATMENT PLANT

S.NO	DESCRIPTION	TERMINATION POINT BY ADIPL
1.	Effluent Inlet	At one point in ETP plant area
2.	Treated Water	At the discharge of RO permeate transfer pump within ETP area battery limit
3.	Individual vessel Drain	At the nearest Drain (Within 5 m)

GENERAL:

S.NO	DESCRIPTION	TERMINATION POINT BY CLIENT
1.	Service Water	At the one point within ETP area
2.	Dosing Chemicals	At the inlet of respective tanks
3.	Instrument air	At the one point within ETP area
4.	Power	415v , 50 Hz, 3 Phase Supply at the MCC inlet by client
5.	Filter press sludge disposal	Cake disposal by client
6.	Evaporator salt disposal	Salt disposal by client

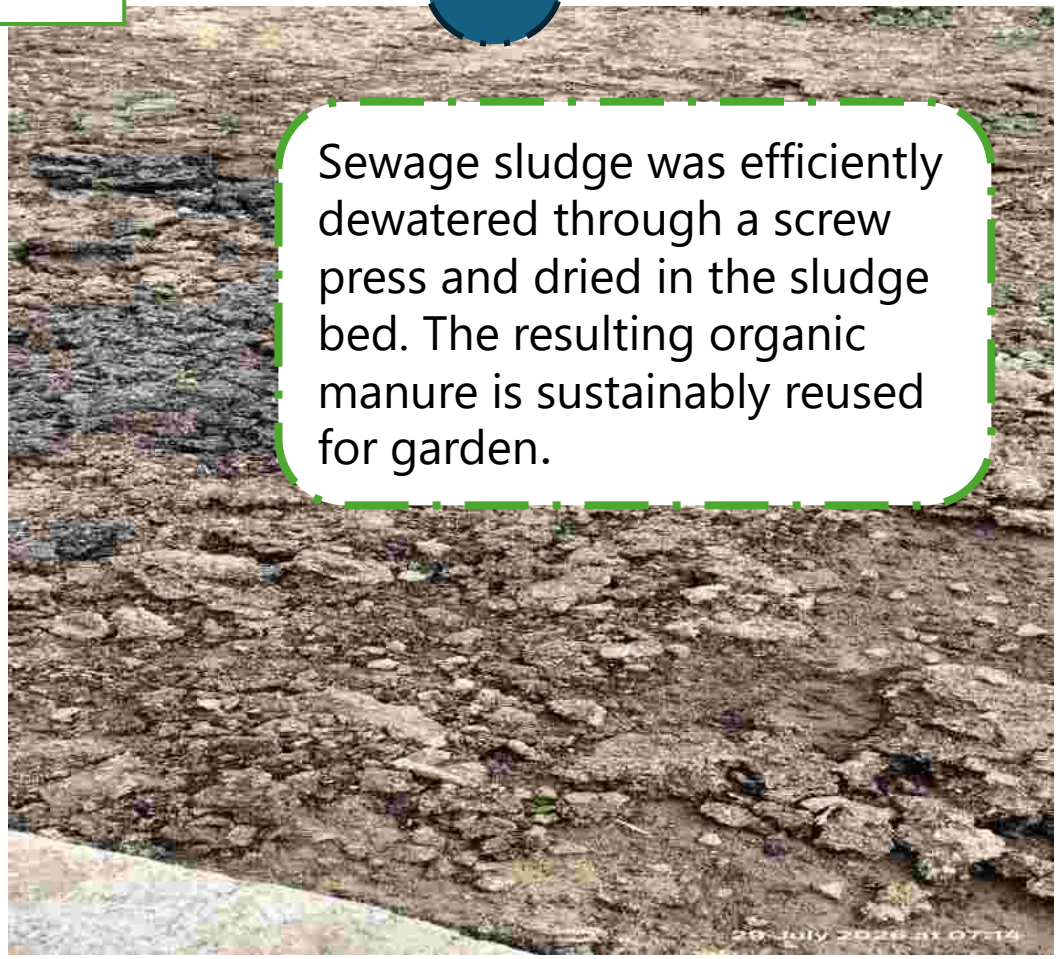
--o0o--

STP TREATED MANURE PHOTO

Annexure-29

STP TREATED MANURE PHOTOS

36



Sewage sludge was efficiently dewatered through a screw press and dried in the sludge bed. The resulting organic manure is sustainably reused for garden.

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

From

S. Subramani M.Sc., M.Phil.,
Chief Scientific Officer
District Environmental Laboratory
Tamilnadu Pollution Control Board
Plot No. 5B,SIPCOT, Oragadam.
Sriperumbudur,Kancheepuram-602105

To

The Unit head
M/s India Yamaha Motors (P) Ltd,
Plot No. V V -1, SIPCOT Industrial Park,
Vallam Vadagal Village,
Sriperumbudur TK,
Kancheepuram Dt - 602 105

Lr. No : TNPCB / Air / F. No : **I 1** / DEL SPR / 2024 - 25 / dt : **20 . 04 . 25**

Sir,

Sub : Ambient air quality , Source emission and Ambient noise level monitoring - Report of analysis - furnished - Regarding.

Ref :
1 *This office Lr No : AAQS / DEL / SPR /* **I 1 / 70** *dated* **13 . 09 . 24**
2 *Your production letter no* **IYM/TNPCB/L. Anals./01/2025** *dated* **20 . 02 . 25**
3 *Your payments vide TNPCB - CR number* **441** *dated* **14 . 11 . 24**
4 *DEL , Oragadam - AAQ , SM & ANL report N* **31** *dated* **20 . 04 . 25**

I furnish herewith the report of analysis of the 8 hour ambient air quality, source emission air quality & the ambient noise level monitored in the vicinity of the above unit on 13 . 02 . 25 along with a bill for Rs 382240 towards the charges for the above sampling , analysis and reports .

An amount of Rs 3950 is available as balance with the TNPCB & the same will be adjusted in due course . Kindly acknowledge .

AAQ - SM - ANL - report
2024 - 25
DEL - TNPCB Oragadam

Kindly acknowledge .

29/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

Copy to

tick

- [ ] 1 *The Dy Director (Lab) Tamil nadu Pollution Control Board , Chennai*
- [ ] 2 *The District Environmental Engineer TNPC Board Sriperumbudur*
- [ ] 3 *The industry file No : I 1*

This report contains total eleven two pages in all.

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Ambient Air Quality Survey

Report No : AAQS : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1 Name of the industry : **M/s India Yamaha Motors (P) Ltd,**

2 Address of the industry : **Plot No. V V -1, SIPCOT Industrial Park,**
: **Vallam Vadagal Village,**
: **Sriperumbudur TK,**
: **Kancheepuram Dt - 602 105**

3 Date and duration of survey : **13 . 02 . 25** **[Eight hours]**

METEOROLOGICAL CONDITIONS

Ambient temperature	:	*Maximum*	**32.5**	**°C**	*Minimum*	**27.0**	**°C**
Relative humidity	:	*Maximum*	**81**	**%**	*Minimum*	**63**	**%**
Mean wind speed	:	**12.2**	**Km / Hr**				
Rain fall	:	**Nil**	**mm**				
Predominant sky condition	:	**Clear sky**					
Predominant wind direction	:	**SW to NE & ESE to WNW**					

Report on Air Quality Analysis

Serial No	Location	Distance and direction from the reference point	Height from ground level (in M)	Pollutant [µg / cu.meter]			
				Particulate matter (PM)		SO_2	NO_2
				2.5	10		
1	**On top of the scaffolding near material gate**	490 mts NE	2	**26**	**61**	**10.2**	**13.0**
2	**On top of the scaffolding near main gate (collapsable)**	340 mts E	2	------	**76**	**11.3**	**14.4**
3	**On top of the scaffolding near Vendar vehicle gate**	340 mts SE	2	------	**84**	**12.1**	**16.8**
4	**On top of the scaffolding near product vehicle parking area**	320 mts SW	2	**31**	**72**	**11.8**	**16.2**
5	**On top of the scaffolding near PAD building**	300 mts W	2	------	**80**	**13.0**	**17.2**
6	**On top of the scaffolding near behind heat treatment area**	380 mts NW	2	------	**74**	**12.7**	**16.0**
Note	*The distances & directions mentioned above correspond to the Centre of the main building*						
	All the distances mentioned above were arrived using google - wikimapia tool .						

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

24/4/25

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TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Stack monitoring Survey - Report of Analysis

Report No : SM : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1 Name of the Industry **M/s India Yamaha Motors (P) Ltd,**

2 Address of the Industry **Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**

3 Date of Survey **13 . 02 . 25**

No	Stack attached to the		Flue gas characteristic		
1	**Power generator - 1**		Temperature	**505**	Kelvin
			Velocity	**10.6**	Metres / second
			Discharge rate	**6688**	Nm3 / Hour
	Capacity :	*750 KVA*	Particulate matter	**58**	mg / Cu. Metre
	Fuel :	*Diesel*	Sulphur di oxide	**11**	mg / Cu. Metre
	APC :	*Vent provided*	Nitrogen di oxide	**420**	mg / Cu. Metre
2	**Power generator - 2**		Temperature	**512**	Kelvin
			Velocity	**10.7**	Metres / second
			Discharge rate	**6664**	Nm3 / Hour
	Capacity :	*750 KVA*	Particulate matter	**54**	mg / Cu. Metre
	Fuel :	*Diesel*	Sulphur di oxide	**11**	mg / Cu. Metre
	APC :	*Vent provided*	Nitrogen di oxide	**423**	mg / Cu. Metre
3	**Power generator - 3**		Temperature	**489**	Kelvin
			Velocity	**8.5**	Metres / second
			Discharge rate	**5567**	Nm3 / Hour
	Capacity :	*500 KVA*	Particulate matter	**67**	mg / Cu. Metre
	Fuel :	*Diesel*	Sulphur di oxide	**16**	mg / Cu. Metre
	APC :	*Vent provided*	Nitrogen di oxide	**418**	mg / Cu. Metre

Note : CYC - Cyclone , **BF** - *bag filter* , **WS** - *Wet scrubber* , **SH** - *Spinner Hanger* , **TB** - *Tum Blast* , *---- Does not arise*

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

29/4/25

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TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Stack monitoring Survey - Report of Analysis *(Continuation - 1)*

Report No : SM : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1 Name of the Industry **M/s India Yamaha Motors (P) Ltd,**

2 Address of the Industry **Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**

3 Date of Survey **13 . 02 . 25**

No	Stack attached to the		Flue gas characteristic		
4	**Power generator - 4**		Temperature	**482**	Kelvin
			Velocity	**10.39**	Metres / second
			Discharge rate	**6891**	Nm3 / Hour
	Capacity :	*500 KVA*	Particulate matter	**62**	mg / Cu. Metre
	Fuel :	*Diesel*	Sulphur di oxide	**11**	mg / Cu. Metre
	APC :	*Vent provided*	Nitrogen di oxide	**412.2**	mg / Cu. Metre
5	**Boiler**		Temperature	**433**	Kelvin
			Velocity	**8.0**	Metres / second
			Discharge rate	**11837**	Nm3 / Hour
	Capacity :	*3 TPH*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*PNG*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*Vent provided*	Nitrogen di oxide	**BDL**	mg / Cu. Metre
6	**Heat treatment contineous Carburising furnace**		Temperature	**316**	Kelvin
			Velocity	**8.4**	Metres / second
			Discharge rate	**13297**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*PNG*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*Vent stack provided*	Nitrogen di oxide	**BDL**	mg / Cu. Metre

Note : **CYC** - Cyclone , **BF** - *bag filter* , **WS** - *Wet scrubber* , **SH** - *Spinner Hanger* , **TB** - *Tum Blast* , ---- *Does not arise*

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

24/4/25
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TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Stack monitoring Survey - Report of Analysis *(Continuation - 2)*

Report No : SM : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1 Name of the Industry **M/s India Yamaha Motors (P) Ltd,**

2 Address of the Industry **Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**

3 Date of Survey **13 . 02 . 25**

No	Stack attached to the		Flue gas characteristic		
7	**Diecasting (line - B) Al melting furnace**		Temperature	**312**	Kelvin
			Velocity	**6.8**	Metres / second
			Discharge rate	**13991**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	--------	mg / Cu. Metre
	Fuel :	*PNG*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*CY, WS & stack provided*	Nitrogen di oxide	**2**	mg / Cu. Metre
8	**Welding line - 1**		Temperature	**314**	Kelvin
			Velocity	**8.4**	Metres / second
			Discharge rate	**24106**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	--------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*BF, vent provided*	Nitrogen di oxide	**1**	mg / Cu. Metre
9	**Welding line - 3**		Temperature	**313**	Kelvin
			Velocity	**8.4**	Metres / second
			Discharge rate	**24144**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	--------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*BF, vent provided*	Nitrogen di oxide	**1**	mg / Cu. Metre

Note : **CYC** - Cyclone , **BF** - *bag filter* , **WS** - *Wet scrubber* , **SH** - *Spinner Hanger* , **TB** - *Tum Blast* , -----*Does not arise*

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

ES 24/4/25

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Stack monitoring Survey - Report of Analysis *(Continuation - 3)*

Report No : SM : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1 Name of the Industry **M/s India Yamaha Motors (P) Ltd,**

2 Address of the Industry **Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**

3 Date of Survey **13 . 02 . 25**

No	Stack attached to the		Flue gas characteristic		
10	**Heat treatment pre washing area**		Temperature	**313**	Kelvin
			Velocity	**8.37**	Metres / second
			Discharge rate	**13404**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*Vent stack provided*	Nitrogen di oxide	**BDL**	mg / Cu. Metre
11	**Pretreatment ACED - 7**		Temperature	**308**	Kelvin
			Velocity	**6.78**	Metres / second
			Discharge rate	**4077**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*Vent stack provided*	Nitrogen di oxide	**BDL**	mg / Cu. Metre
12	**Phosphatin No. 8**		Temperature	**310**	Kelvin
			Velocity	**6.80**	Metres / second
			Discharge rate	**2323**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*Vent stack provided*	Nitrogen di oxide	**BDL**	mg / Cu. Metre

Note : **CYC** - Cyclone , **BF** - *bag filter* , **WS** - *Wet scrubber* , **SH** - *Spinner Hanger* , **TB** - *Tum Blast* , -----*Does not arise*

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

ES 24/4/25

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Stack monitoring Survey - Report of Analysis *(Continuation - 4)*

Report No : SM : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1 Name of the Industry **M/s India Yamaha Motors (P) Ltd,**

2 Address of the Industry **Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**

3 Date of Survey **13 . 02 . 25**

No	Stack attached to the		Flue gas characteristic		
13	**ED coating ACED 9**		Temperature	**310**	Kelvin
			Velocity	**7.6**	Metres / second
			Discharge rate	**8476**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*BF, stack*	Nitrogen di oxide	**BDL**	mg / Cu. Metre
14	**APS base Coat**		Temperature	**312**	Kelvin
			Velocity	**8.4**	Metres / second
			Discharge rate	**42499**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*WS, stack*	Nitrogen di oxide	**BDL**	mg / Cu. Metre
15	**APS Top Coat**		Temperature	**312**	Kelvin
			Velocity	**6.83**	Metres / second
			Discharge rate	**54043**	Nm3 / Hour
	Capacity :	*DNA*	Particulate matter	-------	mg / Cu. Metre
	Fuel :	*DNA*	Sulphur di oxide	**BDL**	mg / Cu. Metre
	APC :	*WS, stack*	Nitrogen di oxide	**BDL**	mg / Cu. Metre

Note : CYC - Cyclone , **BF** - *bag filter* , **WS** - *Wet scrubber* , **SH** - *Spinner Hanger* , **TB** - *Tum Blast* , ----*Does not arise*

29/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

ES 29/4/25

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Ambient Noise Level Survey

Report No : ANLS : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1	Name of the Industry	**M/s India Yamaha Motors (P) Ltd,**
2	Address of the Industry	**Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**
3	Date of Survey	**13 . 02 . 25**
4	Time of Survey	**Day time**
5	Instrument used & serial No	**SCARLET** **S N : 10338051**
6	Weighting & Mode	**" A "** **Fast**

Report of analysis

Serial No	Location	Distance	Direction	Leq dB "A"
1	**Recorded near the unit's material gate**	*490 m*	*NE*	**63.7**
2	**Recorded near the unit's main gate (colllapsable)**	*340 m*	*E*	**66.5**
3	**Recorded near the unit's Vendar vehicle gate**	*340 m*	*SE*	**70.3**
4	**Recorded near the unit's product vehicle parking area**	*320 m*	*SW*	**61.4**
5	**Recorded near the unit's PAD building**	*300 m*	*W*	**58.7**
6	**Recorded near the unit's behind heat treatment area**	*380 m*	*NW*	**60.1**
Note	*The distances , directions mentioned above correspond to the Centre of the main building*			
	All the distances mentioned above were arrived using google - wikimapia tool .			

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

ES 24/4/25

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Ambient VOC Survey

Report No : ANLS : 31 / DEL SPR / 2024 - 25 *Date* **20 . 04 . 25**

1	Name of the Industry	**M/s India Yamaha Motors (P) Ltd,**
2	Address of the Industry	**Plot No. V V -1, SIPCOT Industrial Park, Vallam Vadagal Village, Sriperumbudur TK, Kancheepuram Dt - 602 105**
3	Date of Survey	**13 . 02 . 25**
4	Time of Survey	**Day time**
5	Instrument used & serial No	**Honeywell** **592-934042**

Report of VOC analysis

Serial No	Location	Distance	Direction	VOC ppm
1	**Measured near the unit's material gate**	*490 m*	*NE*	*BDL*
2	**Measured near the unit's main gate (colllapsable)**	*340 m*	*E*	*BDL*
3	**Measured near the unit's Vendar vehicle gate**	*340 m*	*SE*	*BDL*
4	**Measured near the unit's product vehicle parking area**	*320 m*	*SW*	*BDL*
5	**Measured near the unit's PAD building**	*300 m*	*W*	*BDL*
6	**Measured near the unit's behind heat treatment area**	*380 m*	*NW*	*BDL*
Note	*The distances , directions mentioned above correspond to the Centre of the main building*			
	All the distances mentioned above were arrived using google - wikimapia tool .			

BDL = Below Detaectable Limit ------- **End of the report** -------

24/4/25

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

24/4/25
ES

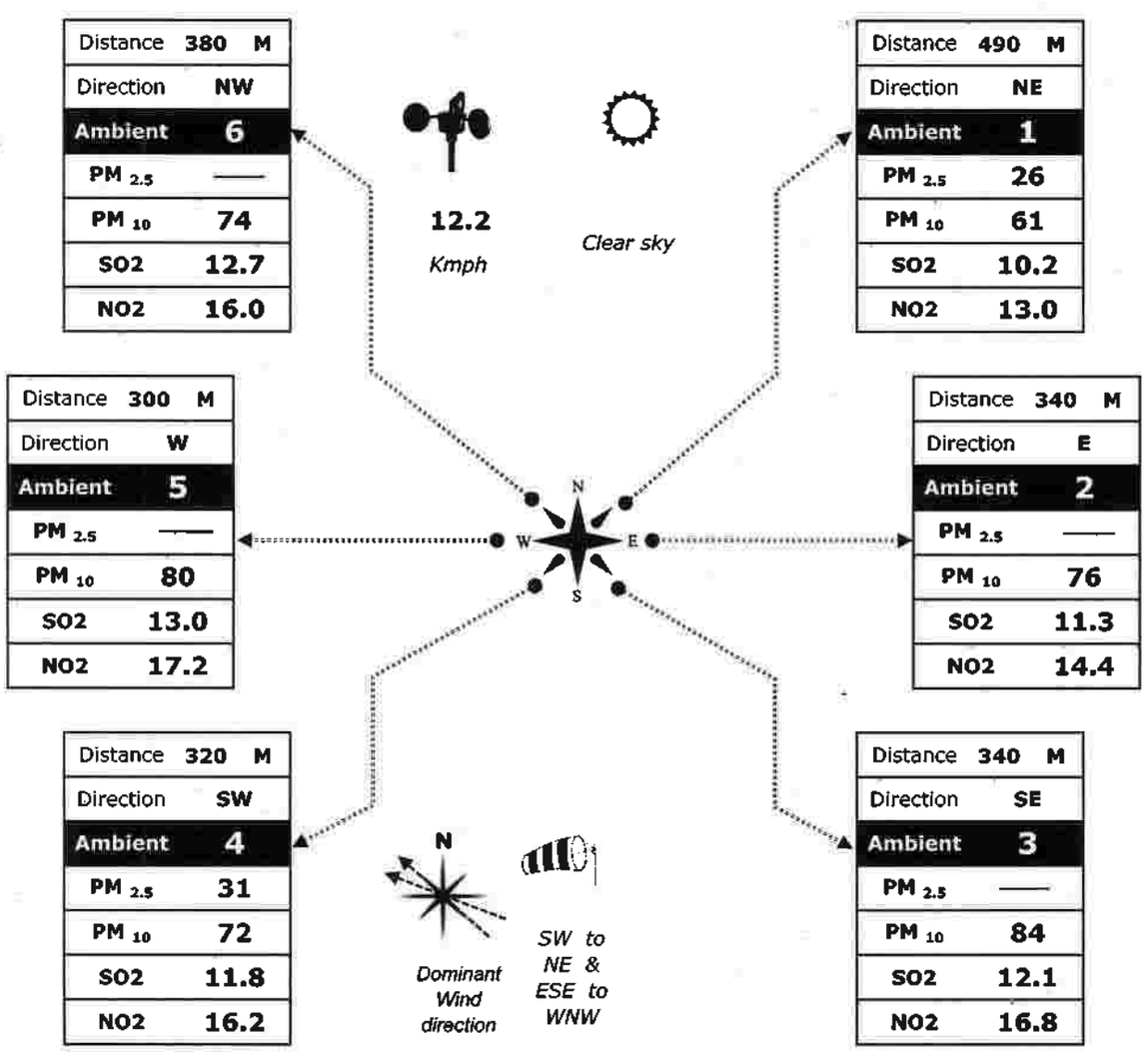
TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

Schematic diagram

indicating the location of ambient air sampling stations

13 . 02 . 25 *Predominant wind direction* **SW to NE & ESE to WNW** *The directions are with respect* **to the Centre of the main building**	**M/s India Yamaha Motors (P) Ltd,** **Plot No. V V -1, SIPCOT Industrial Park,** **Vallam Vadagal Village,** **Sriperumbudur TK,** **Kancheepuram Dt - 602 105**

Note : *Read distance in meters and values (for 8 hrs) in microgram per cubic meter*



24/09

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

ES 24/9/25

TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory
Oragadam.

BILL

No 31 / DEL SPR / 2024 - 25 **20 . 04 . 25**

To

M/s India Yamaha Motors (P) Ltd,
Plot No. V V -1, SIPCOT Industrial Park,
Vallam Vadagal Village,
Sriperumbudur TK,
Kancheepuram Dt - 602 105

Ref : 1 *Lab file no. & demand number :* **I 1 70** *dated* **13 . 09 . 24**
2 *AAQ report number :* **31** *dated* **20 . 04 . 25**

Sl. No.	Particulars			Amount
	Sampling and analysis charges			
1	**Particulate matter 2.5 micron (PM 2.5)**			10800
2	**Particulate matter 10 micron (PM 10)**			71640
3	**Source Emission monitoring**			303250
4	**Ambient Noise Level monitoring**			10500
6	**Add : Transport charges**			2000
7	**Add : Balance payments to TNPCB**			
	vide report no & date			
8	**Total amount to pay to TNPCB**			**398190**
9	**Subtract source PM (11 X 1450)**			**15950**
10	**Total amount to pay to TNPCB**			**382240**
	Less : Advances received & balances available with TNPCB			
8	Balance as per report no & date	---	---	---
9	Advance - 1 (vide C R no & date)	441	14 . 11 . 24	386190
10	Advance - 2 (vide C R no & date)	---	---	---
11	**Amount to pay to TNPCB**			NIL
12	**Balance available with TNPCB**			**3950**

E&OE

24/04

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Oragadam

24/4/25
ES

Workers with PPE

Annexure-31

Form 59

[See rules 115 (2)]

Annexure-32

Pollution Under Control Certificate

Authorised By :
State Transport Department

Date	:	**22/09/2025**
Time	:	**16:59:08 PM**
Validity upto	:	**21/09/2026**

Certificate SL. No.	:	TN51100170043356
Registration No.	:	MH01ER0329
Date of Registration	:	23/Jul/2024
Month & Year of Manufacturing	:	May-2018
Valid Mobile Number	:	******7847
Emission Norms	:	EURO 6
Fuel	:	DIESEL
PUC Code	:	TN5110017
GSTIN	:	
Fees	:	
MIL observation	:	No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.35

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

Authorised Signature with stamp of PUC Operator
60mm x 20 mm

Serial No.:

FORM (Computerised Pollution Under Control Certificate) - DIESEL

(See Rule 116 - B (10) (C))

(Authorised by the Transport Department)

Phone : 9566352432

ANNAI VELANKANNI POLLUTION TESTING CENTRE

No.65/35,PATTUNOOL CHATHIRAM,SRIPERUMBUDUR - 602 105.

Centre Code : TN-21-008

Authorisation Validity : 22-01-2028

I.D.Number :

vehicle Number : D2025/6025

Month & Year of Manufacture : O1S1-054007

Odometer Reading (Kms) : 00/2018

Oil Temperature : 0000

Type of Vehicle : EMV

Maker's Name : TATA HITACHI

Maker's Class : EXCAVATOR

Fuel : DIESEL

Date : 08-07-2025

Time : 07:43 AM

ALLOWABLE RPM LIMITS : 820 +/- 730 RPM

Free acceleration Test No.	K-Value (1/M)	ACTUAL RPM
T1	1.20	1280 0.21
T2	0.70	3100 0.40
T3	0.80	5160 0.81
T4	1.10	3160 0.10
T5	1.20	4300 0.30
T6	0.60	3250 0.20
T7	0.90	
T8		
T9		
T10		
HSU Average : 18.1%	K Average 0.1610	

*Permissible Limits at the back of the Form

Validity : 6 Months

PHOTO OF VEHICLE

Certificate Valid upto : 07-01-2026

Testing Charges : RS.250

Centre Code : TN-21-008

Seal of the Testing Station

Name of the Driver / Owner

Signature of the Driver / Owner

Signature of the Licencee / Testing Person

Scanned with OKEN Scanner

Annexure-33

FORM XI

[See rule 223 (c)]

CERTIFICATE OF MEDICAL EXAMINATION

1	Name of the Project: INDIA YAMAHA MOTOR PVT LTD Location: CHENNAI.
	Main Contractor – SMCC CONSTRUCTION INDIA LTD. Sub.Con - DEPL
	Certificate Serial No.: 712 Date: 21/08/25.
2	Name: Mr. Vishvanath Son/daughter of: Basadev.
	Identification marks: 1. Mole in face 2. Mole in (L) knee.
3	Father's Name: Basadev.
4	Sex: male.
5	Residence Address: Mata, Mata Sohang, Kushinagar Uttar pradesh.
6	Date of birth. If available 01/01/1984.
	and/or certificate age : 41. Years
7	Physical Fitness I hereby certify that I have personally examined (name) Mr. Vishvanath son/daughter/wife of Mr. Basadev residing at Vallam who is desirous of being employed in building and construction work and that his / her age as nearly as can be ascertained from my Examination is 41 Years and that he / she is fit for employment in..... as an adult/adolescent.
8	Reason for (1) refusal of certificate (2) Certificate being revoked

Signature/Left hand thumb impression of building worker

Signature with Seal
Medical Inspector/C.M.O.

Dr. HEMAVATHI, MBBS.,
Reg. No.185298
KAVI MEDICAL CENTER
VALLAM

Notes:

1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

FORM XI

[See rule 223 (c)]

a) Physical Examination

b) Additional checks to be carried as per Below Guidelines in case of Operators, Drivers, Welders.

Note: Mandatory for all workers (Physical & Enquiry of previous history):

Physical Examination		Enquiry of previous history	
a) Height	160 Cms.	a) Heart Diseases	—
b) Weight	57 kgs.	b) Diabetes	—
c) Blood Pressure	100/70mmHg	c) Major Illness or Surgery	—
d) Pulse	84 bpm.	d) Fits	—
e) Hearing	NAD.	e) Vertigo	—
f) Refractive Error	BE 6/6.	f) Stroke	—
g) Color Vision	NAD.	g) Symptoms Visible	—
h) Any Disability	Nil.	h) Others, if any	—
i) Arm Function & Grip	Nil		
j) Leg & Foot Function	nil		
k) Blood Group	—		

Additional checks for Operators & Drivers (As per BOCW Act & Rules)

- **Vision:** Total visual performance (Separate reports to be attached)
  - Night vision
  - Visual perception
  - Glare Resistance & Recovery
  - Peripheral Vision

Additional checks for Welders:

- Examine & check for symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm fitness (Separate reports to be attached, if conducted)

Dr. HEMAVATHI, MBBS.
Reg. No.185298
KAVI MEDICAL CENTER
VALLAM

FORM XI

[See rule 223 (c)]

CERTIFICATE OF MEDICAL EXAMINATION

1	Name of the Project: INDIA YAMAHA MOTOR PVT LTD Location: CHENNAI.
	Main Contractor – SMCC CONSTRUCTION INDIA LTD. Sub.Con - DEPL
	Certificate Serial No.: 733 Date: 20/08/25.
2	Name: Mr. Akshay kumar singh Son/daughter of: Ram Kishor Singh.
	Identification marks: 1. Mark in face 2. Mole in Abdomen.
3	Father's Name: Ram Kishor Singh.
4	Sex: male
5	Residence Address: Auliya Belhari Darbhanga Bihar.
6	Date of birth. If available 01/01/1996.
	and/or certificate age : 29 Years
7	Physical Fitness I hereby certify that I have personally examined (name) Mr. Akshay kumar singh son/daughter/wife of Ram Kishor Singh residing at Vallam who is desirous of being employed in building and construction work and that his// her age as nearly as can be ascertained from my Examination is 25-30 Years and that he / she is fit for employment in DEPL as an adult/adolescent.
8	Reason for (1) refusal of certificate (2) Certificate being revoked

Signature/Left hand thumb impression of building worker

Signature with Seal
Medical Inspector/C.M.O.

Dr.NAVEENKUMAR M.B.B.S.
RegNo:172999
KAVI HOSPITAL
VALLAM

Notes:

1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

FORM XI

[See rule 223 (c)]

a) Physical Examination

b) Additional checks to be carried as per Below Guidelines in case of Operators, Drivers, Welders.

Note: Mandatory for all workers (Physical & Enquiry of previous history):

Physical Examination		Enquiry of previous history	
a) Height	163 cms.	a) Heart Diseases	Nil
b) Weight	69 kgs.	b) Diabetes	Nil
c) Blood Pressure	130/80 mmHg.	c) Major Illness or Surgery	Nil
d) Pulse	82 bpm	d) Fits	Nil
e) Hearing	NAD.	e) Vertigo	Nil
f) Refractive Error	BE 6/6	f) Stroke	Nil
g) Color Vision	NAD.	g) Symptoms Visible	Nil
h) Any Disability	Nil	h) Others, if any	Nil
i) Arm Function & Grip	Nil		
j) Leg & Foot Function	Nil		
k) Blood Group	Nil		

Additional checks for Operators & Drivers (As per BOCW Act & Rules)

- Vision: Total visual performance (Separate reports to be attached)
  - Night vision
  - Visual perception
  - Glare Resistance & Recovery
  - Peripheral Vision

Additional checks for Welders:

- Examine & check for symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm fitness (Separate reports to be attached, if conducted)

Dr.NAVEENKUMAR M.B.B.S.,
Reg No 472399
KAVI HOSPITAL
VALLAM

FORM XI

[See rule 223 (c)]

CERTIFICATE OF MEDICAL EXAMINATION

1	Name of the Project: INDIA YAMAHA MOTOR PVT LTD Location: CHENNAI.
	Main Contractor – SMCC CONSTRUCTION INDIA LTD. Sub.Con - DEPL
	Certificate Serial No.: 736 Date: 30/08/25.
2	Name: Mr. Joni Kumar Singh Son/daughter of: Sogen Singh.
	Identification marks: 1. ABM in face 2. AWS in (L) knee.
3	Father's Name: Mr. Sogen Singh.
4	Sex: male
5	Residence Address: Kushha Alampur Katihar Salmari Bihar.
6	Date of birth. If available 01/01/1998.
	and/or certificate age : 27 Years
7	Physical Fitness I hereby certify that I have personally examined (name) Mr Joni Kumar Singh. (son/daughter/wife of Mr Sogen Singh residing at Vallam who is desirous of being employed in building and construction work and that (his)/ her age as nearly as can be ascertained from my Examination is 25-30 Years and that (he)/ she is fit for employment in DEPL as an adult/adolescent.
8	Reason for (1) refusal of certificate (2) Certificate being revoked

Signature/Left hand thumb impression of building worker Joni Kumar Singh

Signature with Seal
Medical Inspector/C.M.O.

Dr.NAVEENKUMAR M B.B.S.,
RegNo: 172379
KAVI HOSPITAL
VALLAM

Notes:

1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

FORM XI

[See rule 223 (c)]

a) Physical Examination

b) Additional checks to be carried as per Below Guidelines in case of Operators, Drivers, Welders.

Note: Mandatory for all workers (Physical & Enquiry of previous history):

Physical Examination		Enquiry of previous history	
a) Height	165 cms.	a) Heart Diseases	Nil
b) Weight	63 kgs.	b) Diabetes	Nil
c) Blood Pressure	120/80 mm Hg.	c) Major Illness or Surgery	Nil
d) Pulse	84 bpm	d) Fits	Nil
e) Hearing	WNL.	e) Vertigo	Nil
f) Refractive Error	BE 6/6	f) Stroke	Nil
g) Color Vision	WNL.	g) Symptoms Visible	Nil
h) Any Disability	NAD	h) Others, if any	Nil.
i) Arm Function & Grip	NAD		
j) Leg & Foot Function	NAD		
k) Blood Group	WNL.		

Additional checks for Operators & Drivers (As per BOCW Act & Rules)

- Vision: Total visual performance (Separate reports to be attached)
  - Night vision
  - Visual perception
  - Glare Resistance & Recovery
  - Peripheral Vision

Additional checks for Welders:

- Examine & check for symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm fitness (Separate reports to be attached, if conducted)

Dr.NAVEENKUMAR M.B.B.S.,
RegNo:1725
KAVI HOSPITAL
VALLAM

FORM XI

[See rule 223 (c)]

CERTIFICATE OF MEDICAL EXAMINATION

1	Name of the Project: INDIA YAMAHA MOTOR PVT LTD Location: CHENNAI.
	Main Contractor – SMCC CONSTRUCTION INDIA LTD. Sub.Con - DEPL
	Certificate Serial No.: 734 Date: 30/08/25
2	Name: Mr. pradip Das Son/daughter of: Mr. Sokharidas.
	Identification marks: 1. ABM in face 2. AWS in (L) Knee.
3	Father's Name: Mr. pradip das.
4	Sex: male.
5	Residence Address: Sikoma Jhana, Bahira Sikarpur, Katihar, Salmari Bihari.
6	Date of birth. If available 01/01/1980.
	and/or certificate age : 45 Years
7	Physical Fitness I hereby certify that I have personally examined (name) Mr. pradipdas son/daughter/wife of Mr. Sokharidas residing at Vallam who is desirous of being employed in building and construction work and that his / her age as nearly as can be ascertained from my Examination is 40-45 Years and that he / she is fit for employment in DEPL as an adult/adolescent.
8	Reason for (1) refusal of certificate (2) Certificate being revoked

Signature/Left hand thumb impression of building worker प्रदिप दास

Signature with Seal
Medical Inspector/C.M.O.

Dr.NAVEENKUMAR M.B.B.S.,
RegNo:172999
KAVI HOSPITAL
VALLAM

Notes:

1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

FORM XI

[See rule 223 (c)]

a) Physical Examination

b) Additional checks to be carried as per Below Guidelines in case of Operators, Drivers, Welders.

Note: Mandatory for all workers (Physical & Enquiry of previous history):

Physical Examination		Enquiry of previous history	
a) Height	153cms.	a) Heart Diseases	Nil
b) Weight	77kgs.	b) Diabetes	Nil
c) Blood Pressure	140/90mm Hg.	c) Major Illness or Surgery	Nil
d) Pulse	84bpm.	d) Fits	Nil
e) Hearing	NAD.	e) Vertigo	Nil
f) Refractive Error	BE 6/6.	f) Stroke	Nil
g) Color Vision	NAD.	g) Symptoms Visible	Nil
h) Any Disability	Nil	h) Others, if any	Nil.
i) Arm Function & Grip	Nil		
j) Leg & Foot Function	Nil		
k) Blood Group	Nil.		

Additional checks for Operators & Drivers (As per BOCW Act & Rules)

- Vision: Total visual performance (Separate reports to be attached)
  - Night vision
  - Visual perception
  - Glare Resistance & Recovery
  - Peripheral Vision

Additional checks for Welders:

- Examine & check for symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm fitness (Separate reports to be attached, if conducted)

Dr.NAVEENKUMAR M.B.B.S.,
RegNo:172999
KAVI HOSPITAL
VALLAM

FORM XI

[See rule 223 (c)]

CERTIFICATE OF MEDICAL EXAMINATION

1	Name of the Project: INDIA YAMAHA MOTOR PVT LTD Location: CHENNAI.
	Main Contractor – SMCC CONSTRUCTION INDIA LTD. Sub.Con - DEPL
	Certificate Serial No.: 735 Date: 30/08/25.
2	Name: Mr. Laxmaan Kumar Son/daughter of: Mr. Siren Singh
	Identification marks: 1. Abrasion face 2. Arrs in Lt Hand.
3	Father's Name: Mr Siren Singh.
	Sex: Male.
5	Residence Address: Balter, Kushaha Alampur Katihar Asamnagar Bihar.
6	Date of birth. If available 01/08/1999.
	and/or certificate age : 26 Years
7	Physical Fitness I hereby certify that I have personally examined (name) Mr. Laxmaan Kumar. son/daughter/wife of Siren Singh residing at Vallam who is desirous of being employed in building and construction work and that his/ her age as nearly as can be ascertained from my Examination is 25-30 Years and that he / she is fit for employment in DEPL as an adult/adolescent.
8	Reason for (1) refusal of certificate (2) Certificate being revoked

Laxman Singh.

Signature/Left hand thumb impression of building worker

Signature with Seal

Medical Inspector/C.M.O.

Dr.NAVEENKUMAR M.B.B.S.,
RegNo 172999
KAVI HOSPITAL
VALLAM

Notes:

1. Exact details of cause of physical disability should be clearly stated.
2. Functional/productive abilities should also be stated if disability is stated.

FORM XI

[See rule 223 (c)]

a) Physical Examination

b) Additional checks to be carried as per Below Guidelines in case of Operators, Drivers, Welders.

Note: Mandatory for all workers (Physical & Enquiry of previous history):

Physical Examination		Enquiry of previous history	
a) Height	163 cms.	a) Heart Diseases	Nil
b) Weight	70	b) Diabetes	Nil
c) Blood Pressure	120/80 mm Hg.	c) Major Illness or Surgery	Nil
d) Pulse	80 bpm.	d) Fits	Nil
e) Hearing	NAD.	e) Vertigo	Nil
f) Refractive Error	BE 6/6.	f) Stroke	Nil
g) Color Vision	NAD.	g) Symptoms Visible	Nil
h) Any Disability	Nil.	h) Others, if any	Nil.
i) Arm Function & Grip	Nil		
j) Leg & Foot Function	Nil		
k) Blood Group	Nil		

Additional checks for Operators & Drivers (As per BOCW Act & Rules)

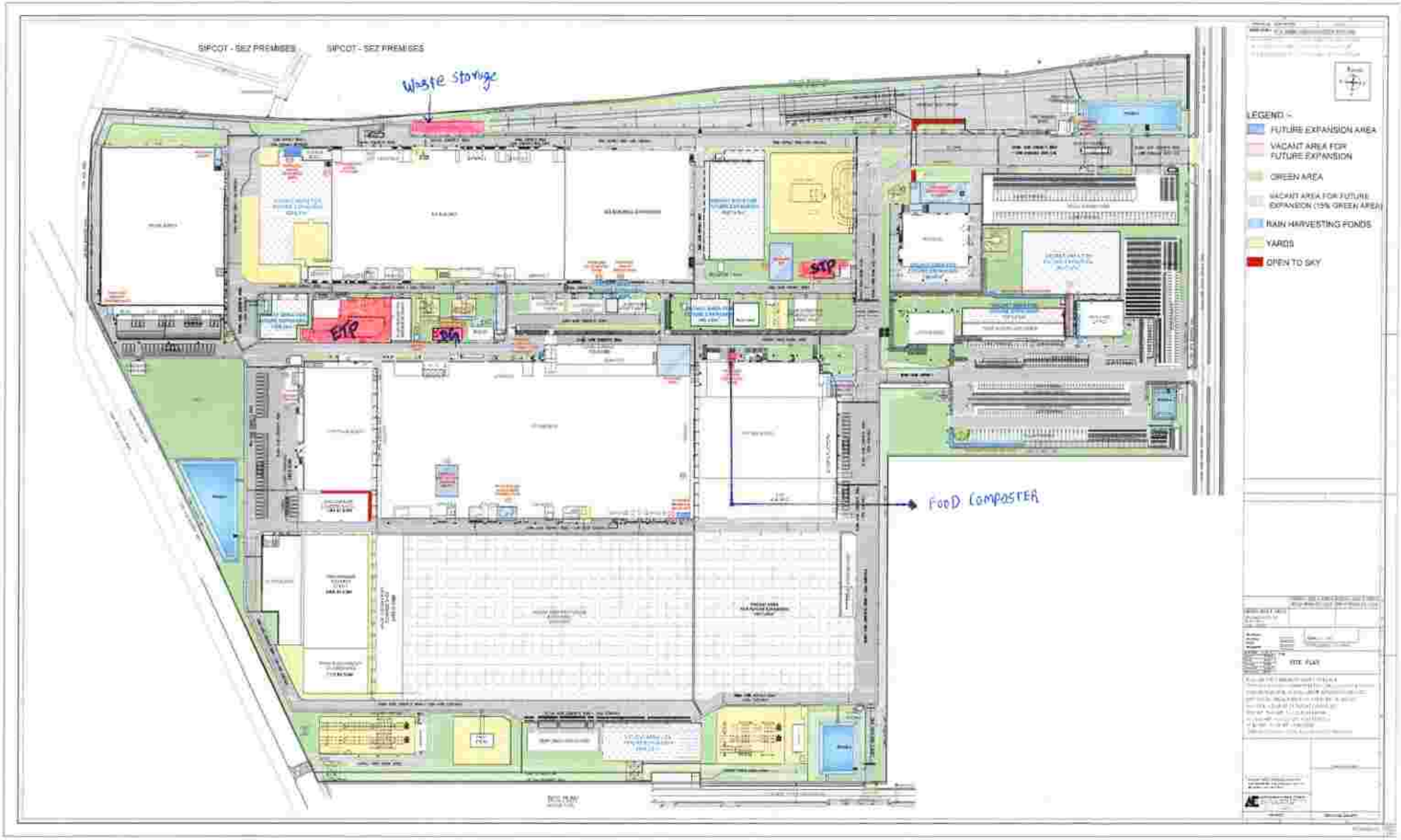
- Vision: Total visual performance (Separate reports to be attached)
  - Night vision
  - Visual perception
  - Glare Resistance & Recovery
  - Peripheral Vision

Additional checks for Welders:

- Examine & check for symptoms of respiratory diseases.
- If suspected Chest X-ray taken to confirm fitness (Separate reports to be attached, if conducted)

Dr.NAVEENKUMAR ** B.B.S.,
Reg No: 17...
KAVI HOSPITAL
VALLAM

ANNEXURE - 31 SITE LAYOUT [DG STACK, STP, ETP, WASTE STORAGE YARD]



Napkin disposal Bin

Annexure-35

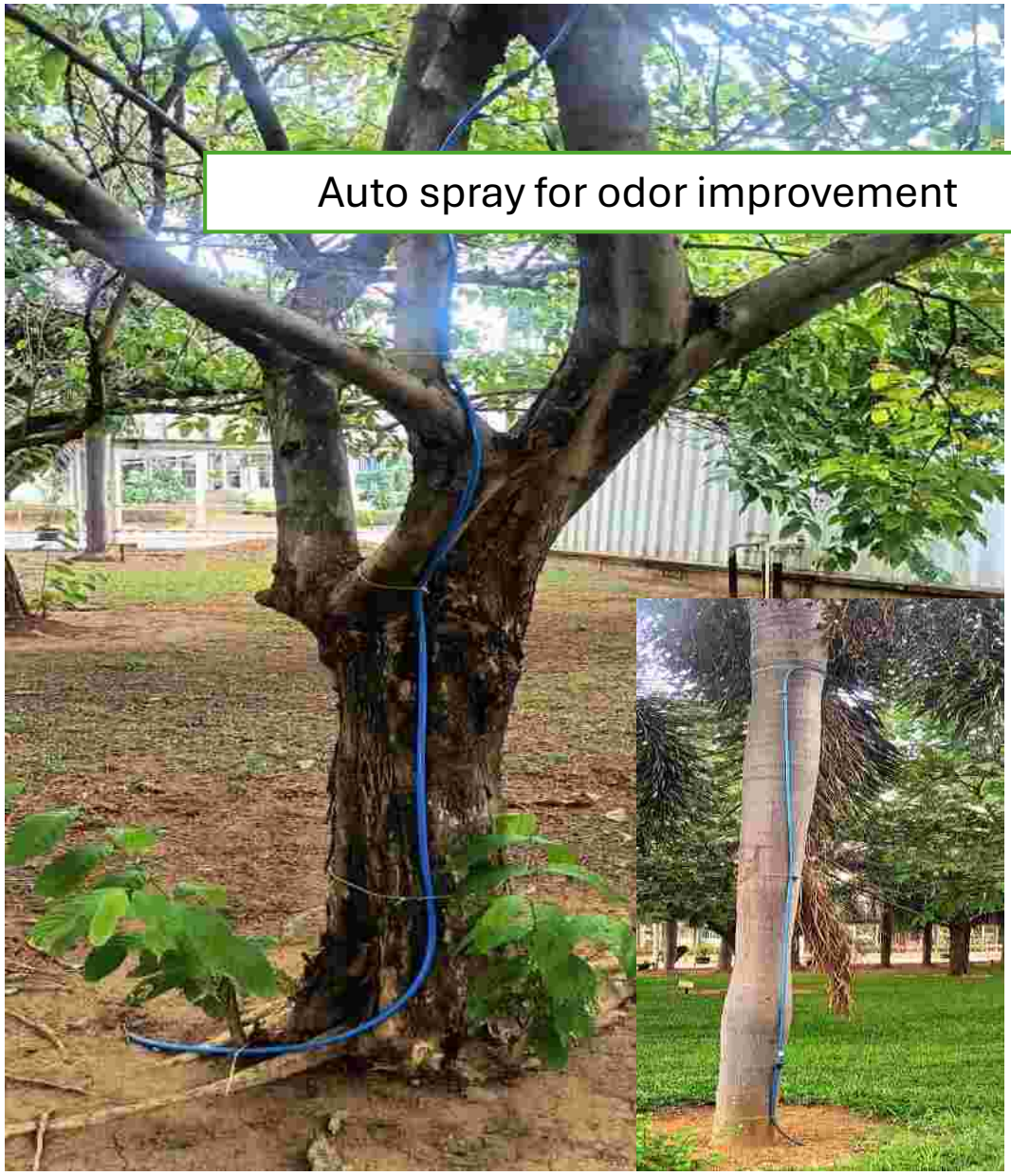
Control valve

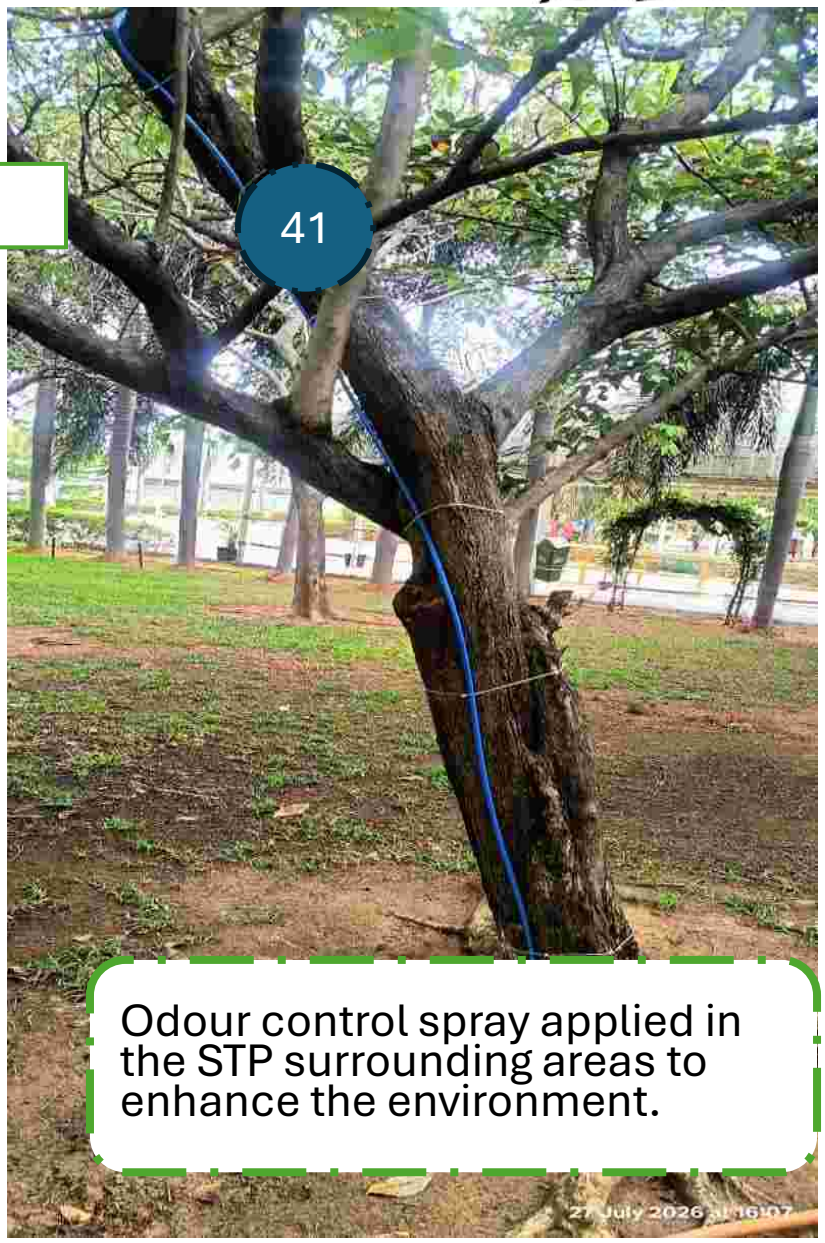
Seismic device in panel

Pneumatic control valve & Vibcon V 725 Earthquake safety device used to cut off panel LPG line.

STP photos (Auto spray for odour improvement)

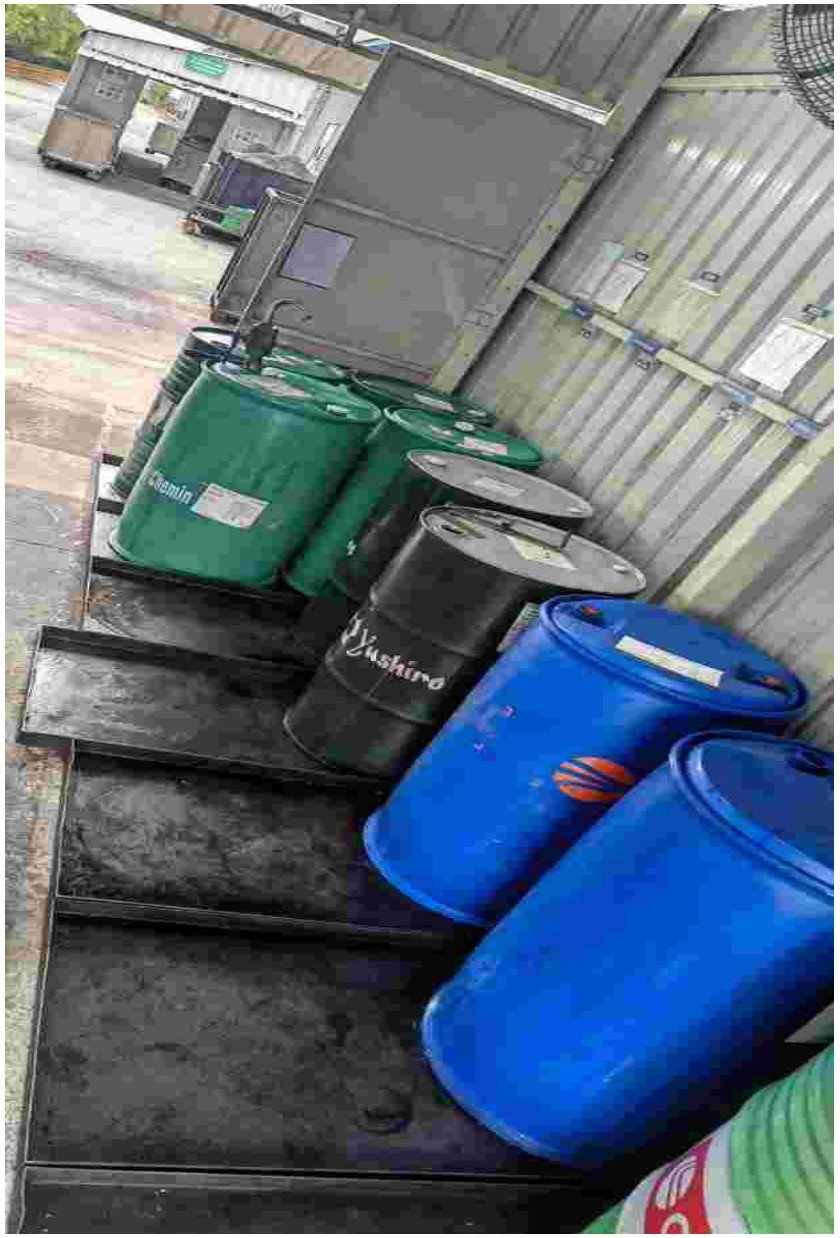
Annexure-37





Use oil Storage photo

Annexure-38



AUTHORISATION No. 25HFC34010145 dated 27/11/2025

Proceeding No. T7/TNPCB/F.0836SPR/HWA/RL/SPR/2025 dated 27/11/2025

Sub: Tamil Nadu Pollution Control Board – Hazardous Waste Authorization-Fresh- M/s. INDIA YAMAHA MOTOR PVT LTD, S.F.No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District., VADAKAL A B C BLOCK Village, SRIPERUMBUDUR Taluk, Kancheepuram District - Authorization under Rule 6 (2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg. (Industry User ID- R16SPR3824325)

Ref: 1. HWA Proceeding No. T4/TNPCB/F.0836SPR/HWA/RL/SPR/2021 dated 22.03.2021
2. Unit's application No. 34010145 dt.31.01.2025 and re-submitted on 25.10.2025
3. DEE, SPR HWA-IR.No.0836SPR/HWA/RL/DEE/SPR/2025, dated 22.09.2025, 04.10.2025 & 07.11.2025.

FORM 2

[See rule 6 (2)]

FORM FOR GRANT OR RENEWAL OF AUTHORISATION TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorization: 25HFC34010145 and dated : 27/11/2025

2. The Director of M/s. INDIA YAMAHA MOTOR PVT LTD is hereby granted an Authorisation based on the enclosed signed Inspection report for Generation and handling of hazardous or other wastes or both on the premises situated at S.F.No. 17(Part), 18, 16(Part), 19, 19/3A, 19/5, 20, 21, 22, 23, 24(Part), 25(Part), 26, 27(Part), 28(Part), 29(Part), 83/1(Part), 82/1A1(Part), 82/1A2(Part), 82/1A3(Part), 84, 85/1(Part), 85/2(Part), 87/1B(Part) of Vadagal & Budanur Village, Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District., VADAKAL A B C BLOCK Village, SRIPERUMBUDUR Taluk, Kancheepuram District.

Sl No	Schedule / Name of the Processes	Name of Hazardous Waste (with category No)	Quantity	Activities for which Authorization is issued
1	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.1-Used or spent oil	142.4 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Authorised Recyclers for recycling (Recyclable)
2	Schedule I /12. Metal surface treatment such as etching, staining, polishing, galvanizing, cleaning, degreasing, plating, etc.	12.5-Phosphate sludge	8 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
3	Schedule I /20. Production and/or industrial use of solvents	20.2-Spent solvents	140 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
4	Schedule I /21. Production and/or industrial use of paints, pigments, lacquers, varnishes and inks	21.1-Process wastes, residues and sludges	1020 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
5	Schedule I /35. Purification and treatment of exhaust air/gases, water and waste water from the processes in this schedule and common industrial effluent treatment plants (CETP's)	35.2-Spent ion exchange resin containing toxic metals	5 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
6	Schedule I /35. Purification and treatment of exhaust air/gases, water and waste water from the processes in this schedule and common industrial effluent treatment plants (CETP's)	35.3-Chemical sludge from waste water treatment	222 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
7	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.3-Waste cutting oils	300 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
8	Schedule I /36. Purification process for organic compounds/solvents	36.2-Spent carbon or filter medium	5 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).
9	Schedule I /1. Petrochemical processes and pyrolytic operations	1.1-Furnace or reactor residue and debris	80 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).

10	Schedule I /33. Handling of hazardous chemicals and wastes	33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	340 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Authorised Recyclers for recycling (Recyclable)
11	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.2-Wastes or residues containing oil	22 T/Annum	Generation, Collection, Storage, Transportation, Disposal to Authorised Recyclers for recycling (Recyclable)
12	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.2-Wastes or residues containing oil	28 T/Annum	Generation, Collection, Storage, Transportation, Disposal to HW Preprocessor for Preprocessing and coprocessing in cement kilns (Utilizable).

3. This authorization shall be valid for a period upto 31/03/2030.

The Authorization is issued subject to the following general and special conditions annexed.

A. GENERAL CONDITIONS OF AUTHORIZATION

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by Tamil Nadu Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorised shall implement Emergency Response procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire ,etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the CPCB guidelines on “Implementing Liabilities for Environmental damages due to Handling and Disposal of Hazardous Wastes and Penalty”.
7. It is the duty of the authorized person to take prior permission of Tamil Nadu Pollution Control Board to close down the facility.
8. The imported Hazardous and other wastes shall be fully insured for transit as well as the accidental occurrences and its clean-up operation.

9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

10. The Hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of Authorisation.

11 The importer or Exporter shall bear the cost of import or export or mitigation of damages if any.

12 An application for the renewal of an authorization shall be made as laid down under these Rules.

13 Any other conditions for compliance as per the Guidelines issued by the MoEF and CC or CPCB from time to time.

14 Annual returns shall be filed by June 30th for the period ending 31st March of the previous financial year.

B. SPECIFIC CONDITIONS - HW Generator

1. The occupier/generator shall be responsible for safe and environmentally sound management of hazardous and other wastes.

2. The occupier shall follow the following steps for the management of hazardous and other wastes. (a) prevention (b) minimization (c) reuse (d) recycling (e) recovery, utilisation including co-processing and (f) safe disposal

3. The occupier shall take all the steps while managing hazardous and other wastes - (a) To contain contaminants and prevent accidents and limit their consequences on human beings and the environment; and (b) To provide persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.

4. The occupier shall store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection:

5. The hazardous and other wastes shall be stored temporally in an isolated area earmarked for the purpose within the occupier's premises (it shall not be accessible to rain water) till scientific disposal. The storage area shall be fenced properly and a sign of danger shall be placed at the storage site.

6. The containers holding the hazardous and other wastes shall be kept in good condition and made of materials which can withstand the physical and environmental conditions during storage and transportation. Only properly cleaned containers shall be used for storage of hazardous and other wastes.

7. The occupier handling hazardous or other wastes shall maintain records of such operations of generation, handling, storage and disposal as per Form 3.

8. The hazardous and other wastes generated in the establishment of the occupier shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility.

9. The occupier handling hazardous or other wastes shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time

10. The labelling of package of hazardous or other wastes shall be done as per Form 8. The label shall be of non-washable material, weather proof and easily visible.

11. The hazardous and other wastes shall be transported from the occupier's establishment to an authorised actual user or to an authorised disposal facility in accordance with the provisions of these rules.

12. The transport of the hazardous and other wastes shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard..

13. The occupier shall provide the transporter with the relevant information in Form 9, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per Form 8

14. The authorisation for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.

15. The transporter/sender of the hazardous and other wastes shall prepare and maintain manifest in Form 10.

16. The occupier or the operator or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation

17. The occupier who intends to get its hazardous and other wastes treated and disposed of by the operator of a treatment, storage and disposal facility shall give to the operator of that facility, such specific information as may be needed for safe storage and disposal.

18. The occupier shall be liable for all damages caused to the environment due to improper handling and management of the hazardous and other wastes.

19. The occupier handling hazardous and other wastes shall submit annual returns containing the details specified in Form 4 to TNPCB on or before the 30th day of June of every year for the preceding period April to March.

20. Any increase in quantity of handling of hazardous and other wastes, any change in category of hazardous and other wastes and any change in method of handling operations shall be brought to the notice of the TNPCB and fresh authorization shall be obtained.

ADDITIONAL SPECIFIC CONDITIONS

1. The unit shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended.

2. The unit shall collect, store and send the hazardous wastes to the TNPCB authorized recycler / Co- processor only as reported. In this regard, the unit shall possess valid agreement executed with the authorized Hazardous waste facilitators at all times.
3. The unit shall ensure that the Hazardous Waste Facilitators, to whom waste is being sent, should possess valid consent and authorization of the Board.
4. The unit shall store the Hazardous Waste in an earmarked area under the impervious and closed shed with requisite fire protection system, personal protective equipment and safety system as per the Rule, 8 of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.Also, the unit shall ensure that there is no spillage in the Hazardous Waste storage area.
5. The unit shall take effective raw material and water conversion measures and cleaner production measures to minimize the generation of hazardous waste from time to time.
6. The unit shall not store the hazardous waste more than 90 days and maintain a record of transfer, storage and disposal of Hazardous waste.
7. The unit shall maintain the Hazardous waste display Boards in front of the main gate clearly indicating the details of hazardous waste regularly as mandated by the Hon'ble Supreme Court Order dated14.10.2003.
8. The unit shall maintain Form 3 and submit Form 4 prescribed under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
9. The unit shall submit the returns regarding handling of Hazardous Wastes in Form-4 by 30th June of every year for the proceeding period from April to March.
10. The Hazardous wastes shall be disposed only with manifest maintained in Form-10 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall ensure that the hazardous waste is transported through dedicated vehicle as specified in the said Rules.
11. The Form-10 -Manifest shall be endorsed by the despatcher, transporter and receiver of hazardous wastes. The unit shall furnish the endorsed copy of the Form-10 (manifest) of the Hazardous and other wastes, (Management and Transboundary Movement) Rules 2016 as amended to TNPCB.
12. The unit shall send the Transport Emergency (TERM) Card (Form 9) with the transporter during the transportation of Hazardous Wastes.
13. The unit shall ensure that the transport container shall be marked and labelled as prescribed in Form – 8 during the transportation of hazardous wastes. The unit shall ensure that there shall be no leakage or spillage of waste from the container during transportation of waste.
14. The unit shall generate and dispose the hazardous wastes within the authorized quantity. If there is any increase in the generation of hazardous waste, the unit shall apply for fresh Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
15. The unit shall possess valid consent of the Board under Water and Air Act at all times.
16. The unit shall maintain good housekeeping inside the premises.
17. The unit shall report on the accident occurring while handling the Hazardous Wastes in the premises if any, in Form 11.
18. The authorization is subject to the terms and conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986.
19. The unit shall store the hazardous wastes in MS drums with labelling on impervious floor under closed shed within the premises for a period not exceeding ninety days as per the Rule 8 of HOWM Rules, 2016.
20. In case of environmental damages arising due to improper handling of hazardous wastes including accidental spillage during generation, storage, processing, transportation and disposal, the unit shall be liable to implement immediate response measures, environmental site assessment and remediation of contaminated soil/groundwater/ sediment etc. as per the "Guidelines on Implementing Liabilities for Environmental Damages due to Handling & Disposal of Hazardous Wastes and Penalty" published by CPCB.

To
The Director
INDIA YAMAHA MOTOR PVT LTD
Plot No.V V-1,SIPCOT Industrial Park, Vallam-Vadagal Village, Sriperumbudur Taluk, Kancheepuram District.
Pin:631604

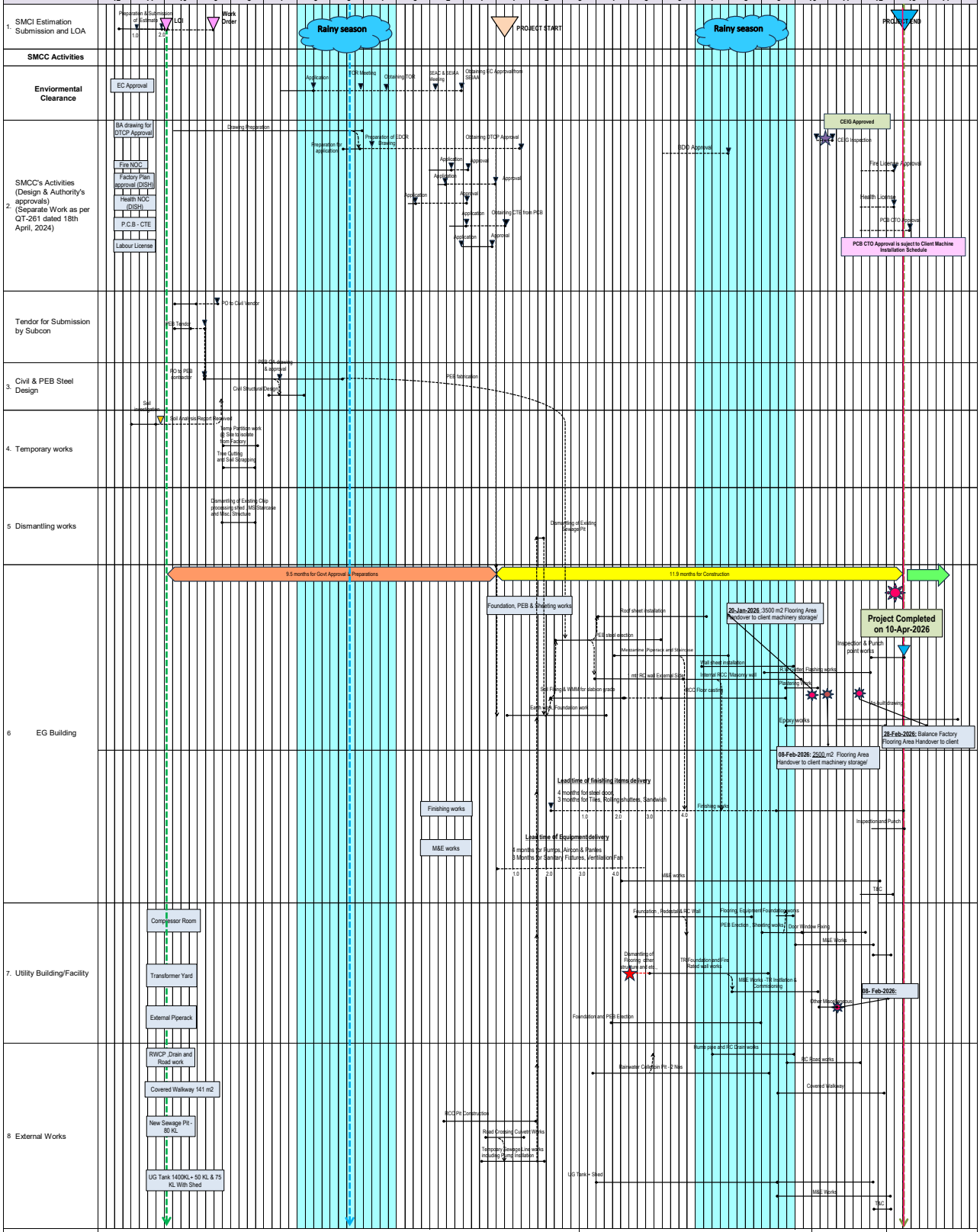
Copy to:

1. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chengalpattu.
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.

Annexure-40

MASTER CONSTRUCTION SCHEDULE (R10) — **ANNEXURE IV**

PROJECT : EG BUILDING EXPANSION PROJECT AT CHENNAI, TAMILNADU,
SMCC INDIA. — **FORMAT NO : F-01/QSP-08**



CHECKED BY : S. ARUNAGIRI — **APPROVED BY :** N. WATANABE / T. HAYASHI — **REVISION NO:** R10 — Date :30-Mar-2026

Annexure-41

FOSROC
Constructive solutions

Fosroc Chemicals (India) Pvt Ltd.
41st KM, NH4, Kuluvanahalli Post, Nelamangala Taluk, Bangalore Rural Dist., Karnataka- 562 111.
Telephone: +919108084175, +919108082473, Mobile: +919108083682
Head Office Telephone: 08042521900, Email: enquiry.india@fosroc.com

Date:10.10.2025
BNG/ADM/4322

TEST CERTIFICATE

Product Name	:	**AURAMIX 200 QCDB-270 INBNG 20**
Batch No.	:	**IN1MF01046175B**
Base	:	**PCE**
Appearance	:	**Yellow to Brown Colour Liquid**
Storage Condition	:	**Cool & Dry, Away from direct sunlight.**
Month of mfg.	:	**October - 2025**
Expiry Month	:	**12 months from the date of mfg.**

SR.NO.	TEST	VALUE OBTAINED	LIMITS AS PER IS 9103: 1999 Reaffirmed 2018.	UOM
01	Relative Density	1.030	± 0.02 of the value stated by the manufacturer	-
02	pH	6.67	Min.6.00	-
03	Dry Material Content	24.29	± 5% of the value stated by the manufacturer	% by mass
04	Chloride Content	0.021	Max.0.2	% by mass

***Note: The colour of the admixture might vary based on the colour of the parent RM, however there will not be any difference in the final performance.**

Certified that the above material conforms to the specification.
Certified By: S. Subba Rao.

PBTo - 1426
check by Hydrometer
Density - 1.03

Scanned with OKEN Scanner

Auramix 200

constructive solutions

High performance PCE based admixture for wide range of concrete grades.

Uses

Auramix 200 is a high performance super plasticizer suitable for low and high grade concrete and intended for applications where high water reduction and long workability retentions are required

Auramix 200 developed to use in:

- Long workability retention concrete.
- Pumpable concrete

Advantages

- Low viscosity admixture suitable for pumping different grades of concrete to greater heights.
- Suitable for concrete having cement replacements and low water cement ratio.
- Provides higher strength without increase in cement content or reduction in workability. Ideal for precast concrete production.
- Reduce rate of workability loss normally associated with super plasticiser. Reduces shrinkage cracking because of lower water cement ratio. Makes the concrete water impermeable.
- Better resistance to Carbonation.
- Reduce Shrinkage and Creep.
- Increase Durability.

Standard Compliance

Auramix 200 complies to IS:9103 as a water reducing and retarding type , BS:5075 and ASTM C 494 Type G.

Description

Auramix 200 is a unique combination of new generation super plasticizer based on polycarboxilic ether polymer with long lateral chain. Electrostatic dispersion mechanism considerably reduces the water demand in flowable concrete. It is supplied as a light brown liquid, instantly dispersible in water.

Auramix 200 disperses the cement particles effectively in the concrete mix and hence exposes a larger surface area to the hydration process. This effect is used either to increase the strength or to produce high workability concrete or reduce cement content of concrete.

Technical support

Fosroc provides technical advisory service for on-site assistance and guidance on mix design, optimum dosage evaluation of trials.

Properties

Appearance	:	Light Brown Liquid
pH	:	Minimum 6.0*
Volumetric mass @ 25^0 C	:	1.07 ± 0.02 kg / litre
Chloride content	:	Nil as per BS 5075

* The uniformity parameters like specific gravity, pH, chloride content etc. will vary for specific customer requirements and mix design. Please refer our MTC issued for specific product configuration for measuring our product parameters that will be constantly and consistently administered.

Dosage

The optimum dosage of Auramix 200 to meet specific requirement should always be determined by conducting laboratory and batch trials. However the normal dosage ranges between 0.3 to 1.5 precent by weight of total cement or binder content.

Dosage beyond Limits:

Dosage beyond limits can be used to meet particular mix requirements in consultation with Fosroc technical department.

Effect of over dosage:

Over dosage may cause delay in setting and segregation.

Estimating

Packaging:

Auramix 200 is available in 240kg, 250kg drums and bulk tankers.

Storage

Auramix 200 has a minimum shelf life of 12 months provided the temperature is kept within range of 2^{0}C and 50^{0}C.

Auramix 200

Precautions

Health and safety instructions

Auramix 200 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn.

Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire

Auramix 200 is water based concrete admixture and non- flammable.

Cleaning and disposal

Spillages of Auramix 200 should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantity of water.

The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

Additional information

The Fosroc range of associated products includes high strength cementitious, epoxy grout, polyester resin based mortar for rapid pre-setting of steel shims to level or for direct bedding of small base plates; Resin Anchoring systems for same day anchoring of bolts in drilled holes in concrete or rock. Also available a range of products for use in construction; viz., curing compounds, release agents, flooring systems, repair mortars, sealants and waterproofing materials.

Separate datasheets are available on these products.

MATT INDIA CO
G-25, SECTOR -63,
GAUTAM BUDDH NAGAR,
UP-201307 INDIA

Phone No:
09555666476
09555655544

Emaiil:mattindia1@gmail.com

Important note :
Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.

Soil Dump factory

Annexure-42

DG set used during construction phase

Annexure-43

Annexure-44

HARIHARAN FOUNDATIONS PVT LTD

RMC Plant,RMC - Santhavellore

Santhavellore Village,
Sriperumbudur Taluk,Kanchipuram Dist - 602106
RMC Transfer for the month of AUG-25

RMC/SAN/DN/0022

Date: 31-08-2025

Hariharan Foundations Pvt Ltd
Job Site : SMCC - India Yamaha Motor - Combined
No.VV-1 Sipcot Industrial Park
Vallam - Vadagal
Sriperumbudur,KanchiPuram - 602105

Dear Sir,

Sub: Submission of orginal invoice for payment.Reg..

With reference to the above, please find the enclosed our orginal invoice as below towards Supply of Concrete 01-08-2025 to 31-08-2025

Description	Qty	Rate	Amount	Remarks
M10	6.50	3,734.00	24,271.00	
M20	3.00	4,437.00	13,311.00	
M25	91.00	4,531.00	4,12,321.00	
M30	334.50	4,625.00	15,47,062.50	
	435.00		1996965.50	
			0.50	
Total Amount			19,96,966.00	

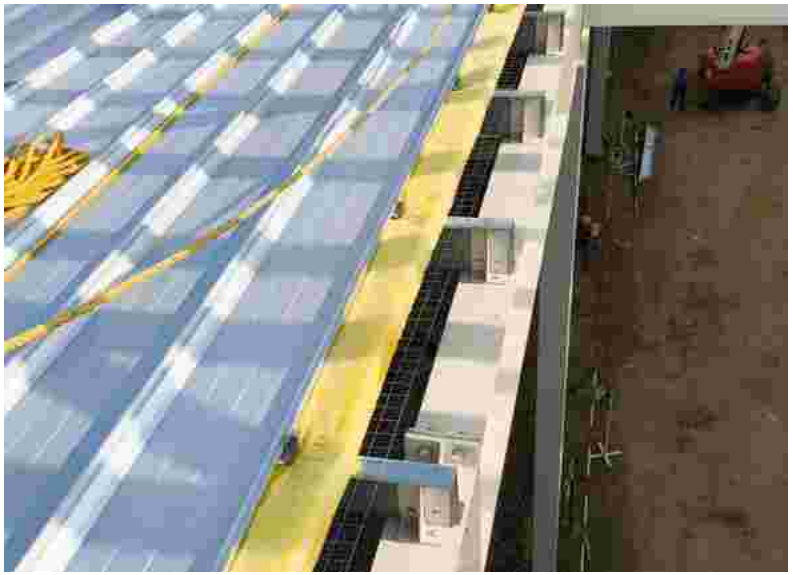
Prepared By

Plant Manager

Site Project Manag

Thermal inspection Photo

Annexure-45



Thermal inspection Photo

TWIGA

TEST CERTIFICATE

Energy Conservation activities

IYM
CHE

Energy & CN Activity Plan for the Year 2025

YAMAHA
Revs Your Heart

#	Category	Description	Energy	Units	Energy Saving	t-CO2 Redn.	2025
							Q1 Q2 Q3 Q4
1	Renewable Energy	3rd Party Power Purchase (Wind+Solar)	Electricity	MWh	NA		
2		0.5 MW Roof Top Solar (Opex)	Electricity	MWh	NA	-	
3		Battery Solar for Street Lights	Electricity	MWh			
4	Energy Minimization	BLDC Man Cooler Fans (1000 Nos.)	Electricity	MWh	354	328	
5		IE2 to IE5 Motor Upgradation	Electricity	MWh			
6		LED Replacement Phase #2	Electricity	MWh	233	216	
7		VFD Installation for Cooling Tower	Electricity	MWh			
8	Process Innovation	EC+ Axial Fans for ACED AHU Unit	Electricity	MWh	42	39	
9		EC+ Axial Fans for Casting AHU Unit	Electricity	MWh			
10		Thyristor for Heat Treatment CCF	Electricity	MWh	288	200	
11	Fossil Free	1 Ton Melting Furnace HSD+LPG → PNG	HSD+LPG	MWh	NA	285	
12		Boiler LPG → PNG	LPG	MWh	NA	421	
13		Paint Shop Oven LPG → PNG	LPG	MWh	NA	200	
14		B3 & B4 Diasel Furnace HSD+LPG → PNG	HSD+LPG	MWh	NA	240	
15		ZLD System without Evaporator	PNG	MT	211	552	

LED Upgradation Phase #2

METAL HALIDE

80~100 Lumens/Watt
Design Lux: 150 Lux
Life: 15,000 Hours

LED

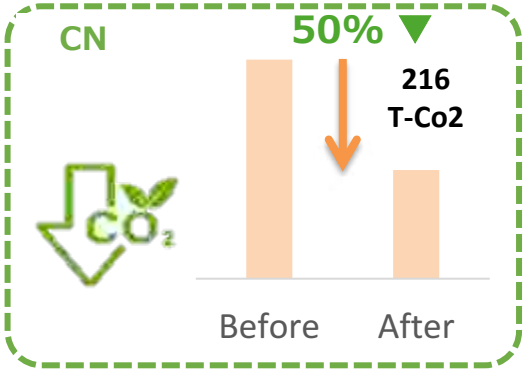
160 Lumens/Watt
Design Lux: 350~400 Lux
Life: 50,000 Hours

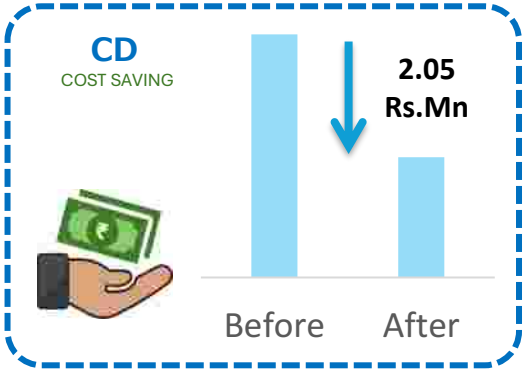
400 W
250 W

→

187 W
95 W

#	Building	Area	Present		Proposed		Energy Saving MWh	t-CO2	Cost Saving MINR	Invest MINR
			Watts	Qty	Watts	Qty				
1	PAD	Ground Floor	250	175	95	175	92	85	0.74	1.70
		Mezzanine	400	76	187	76	41	38	0.33	0.77
		2nd Floor	400	55	95	55	50	46	0.40	0.57
2	Body	Vendor Parts	20	324	64	28	30	28	0.24	0.58
					85	28				
3	Parts	Parts Receiving	20	340	85	44	13	12	0.11	0.41
4	Engine	Entrance	20	240	64	25	14	13	0.12	0.27
5	Shipping	Vehicle Loading	Additional		35	130	-7	-7	0.11	0.29
			20	240	64	27				
6	Engine	Casting DC & LP	Additional		187	40				
Overall Project Outcome							233	216	2.05	4.60





50% ▼

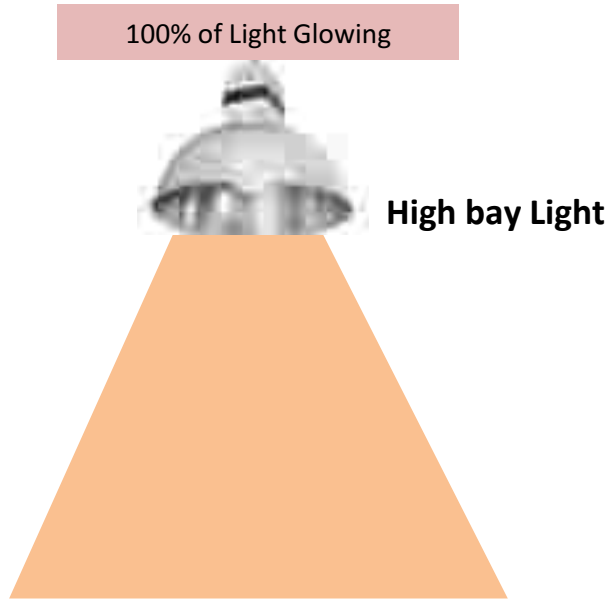
ROI

2.2 Yrs

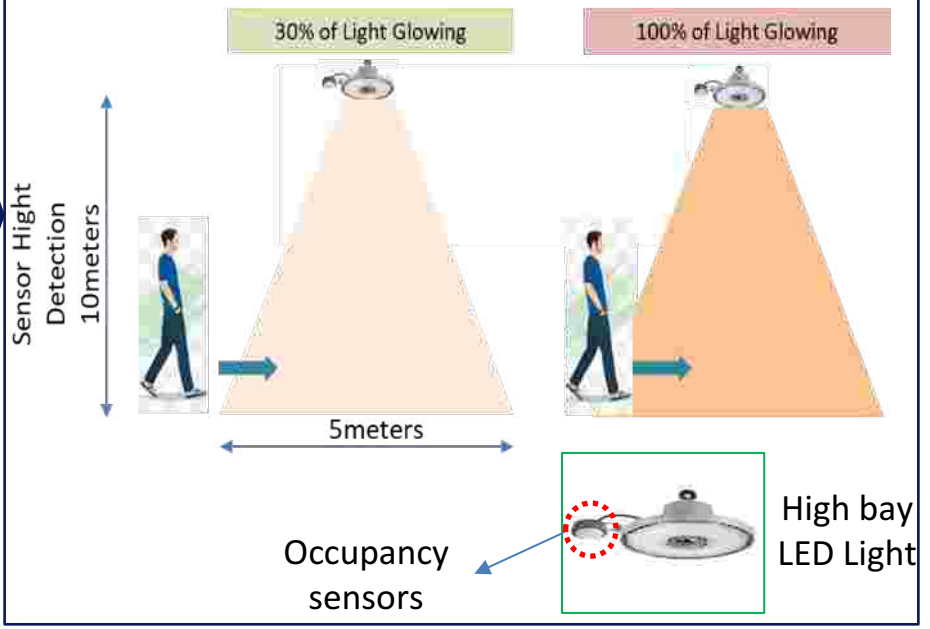
LED Light Replacement with Motion Sensor

Sensor High bay Light Installation on PAD Building

Before - **Continuously Glowing the High bay Light**



After- **Automatically adjust the brightness of the lights based on the detection results.**



Effect 【Reduce the Kwhr for Compressor】

- Before : 12649720 Rs./year 238.71 KW×23 hr/day×24 days/monthX12 month @＊Rs. 8.0/ KWH
- After : 12587190 Rs./year 237.53 KW× 23 hr/day×24 days/monthX12 month @＊Rs. 8.0/ KWH

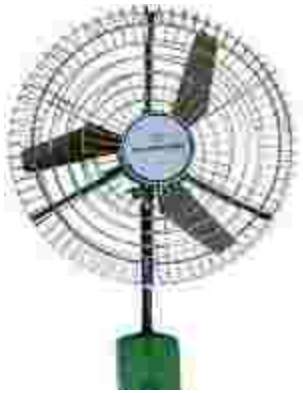
- Energy saving achieved by Power Consumption reduction in High bay Light
- This is ultimate saving for High bay light . **(Saving/Annum – Rs. 62530.56/- , KWH - 7816)**
- Horizontally deployed .

➢ **Carbon Emission Reduction (Kg- Co2) - 6409**

ROI : 2.2 Years

Upgradation to BLDC Man cooler Fan

INDUCTION MOTOR



BRUSHLESS DC MOTOR

Better Air Delivery

250 W
180 W
100 W

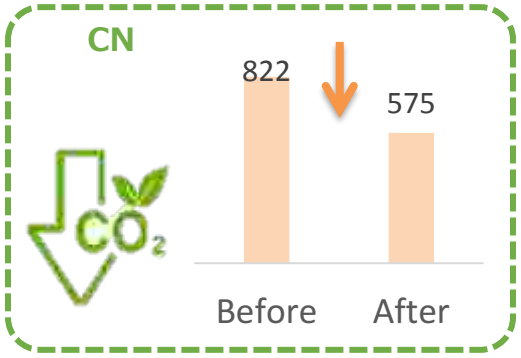
→

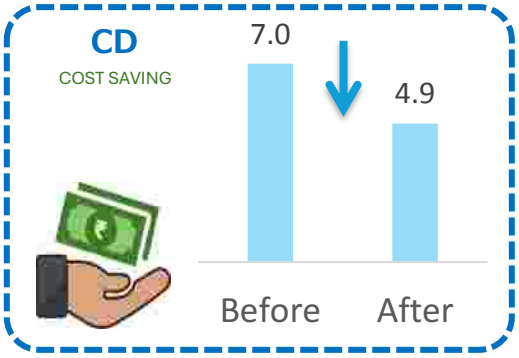
165 W
150 W
65 W

PROJECT PLAN

#	Activity	J	F	M	A	M	J	J	A	S	O	N	D
1	Preliminary Site Visit												
2	Initial Condition Measurement												
3	Supplier Discussion												
4	Technical Alignment												
5	Proposal → GO/NOGO Decision												
6	ERPC Process												
7	PO Release												
8	Material Delivery												
9	Installation												
10	Safety Audit & Commissioning												
11	Project Deliverables Verification												
12	Payment/Cash out												

Progress	Completed	Planned
Material Supply	800 Nos.	200 Nos.
Installation	500 Nos.	500 Nos.





30% ▼

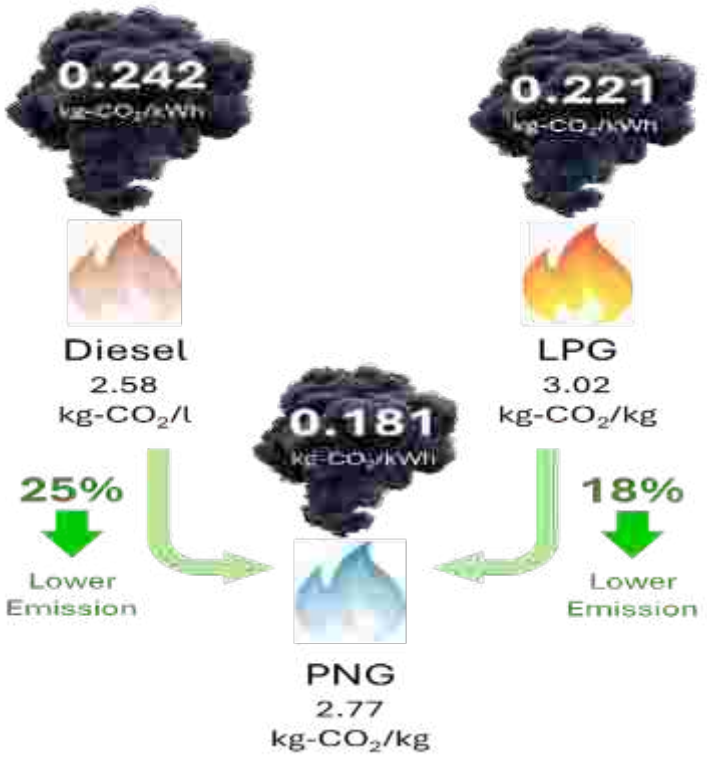
1.5 Yrs

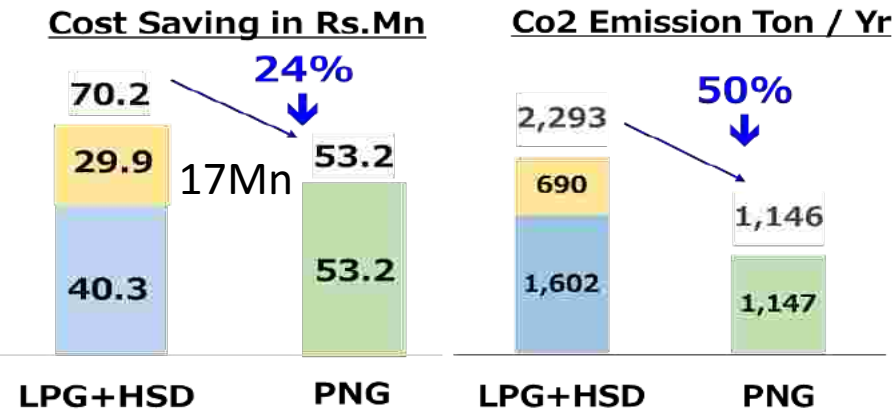
IYM CHE

CN Activity – Fossil Free @ PNG Fuel Replacement

YAMAHA Revs Your Heart

Theme | **LPG & HSD Fuel Convert to PNG**





Activity Details in Yr.2025

PNG Metering Yard

Casting Melting Furnace Burner
- Completed Jan'25

Boiler
- Completed Feb'25

Paint Shop Oven Burner
- Completed on JUNE-25

B3 & B4 Diasil Furnace
- Plan Q4 Yr'25

Gas Train for PNG

Dual Buner Setup

ACED & ABS LPG → PNG Gas activity Completed

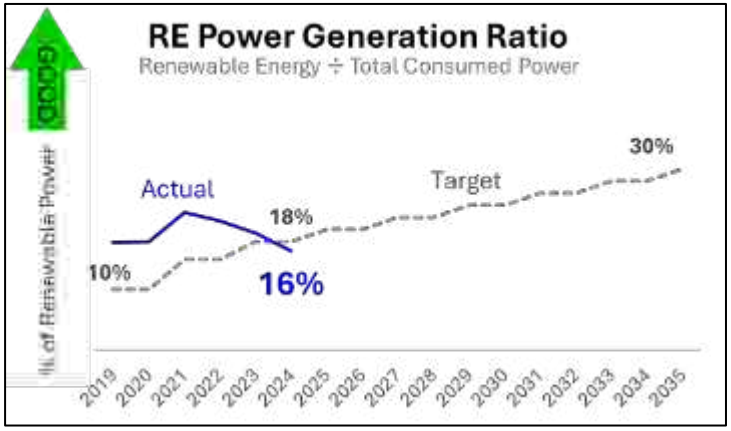
1.5 MWp Opex Solar Proposal

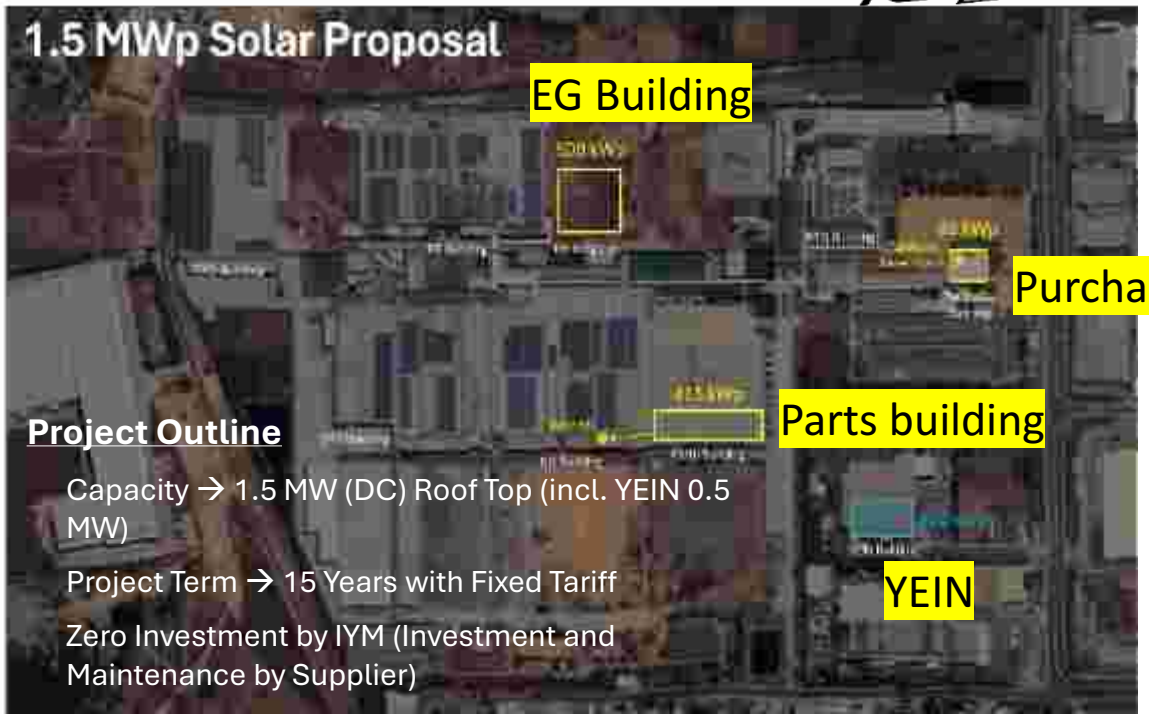
Background

As a part of CN Initiative, YMC has laid a Target to achieve 30% RE Power Generation Ratio by 2035.

In 2024, IYM Actual stood at 16% vs Target 18% due to Volume Increase.

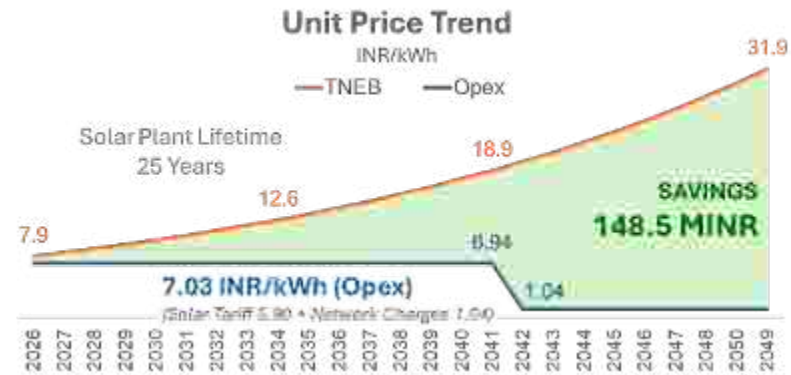
IYM is planning to expand its Roof Top Solar by 1.0 MW in 2025 (Target 20%).



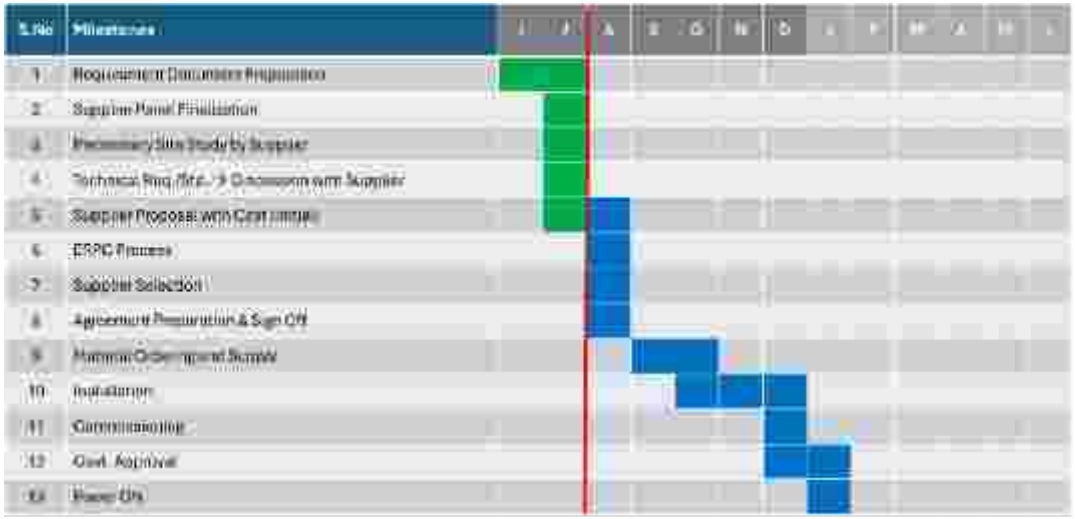


Solar Tariff (Price Negotiation under Progress)

	Clean Max	Reliance	Candi Solar
Unit Price (INR/kWh)	6.35	6.80	5.65



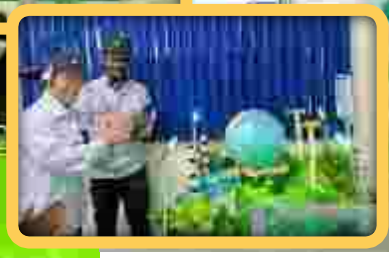
Activity Schedule → (TARET by DEC-2205)



IYM
CHE

CN Experience Center Inaugurated

YAMAHA
Revs Your Heart



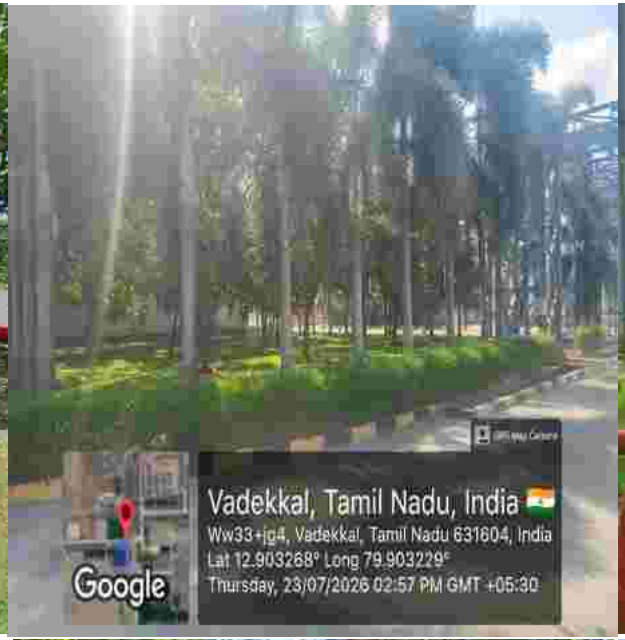
Tree plantation activity – Near PAD Building

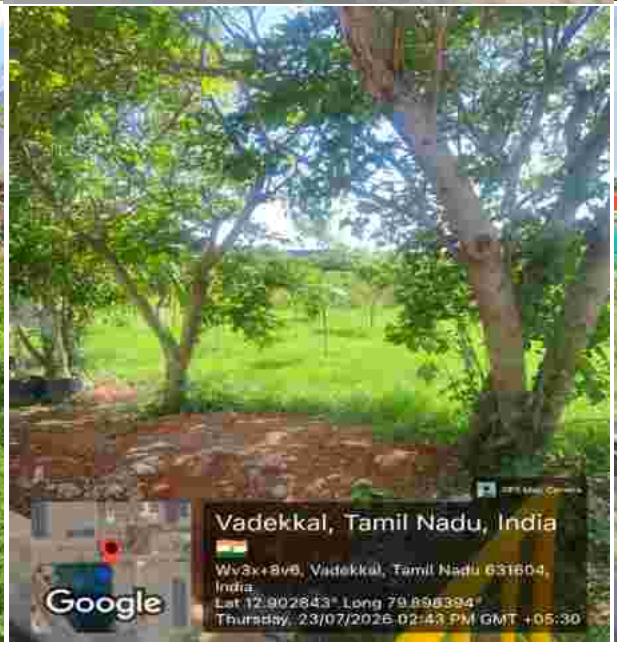
Benefits

- Around 1300 trees are planted near PAD Building (North & South side)
- 5 variety of trees are planted (Pongam , Naval , Badam , Mahokani , etc.,)

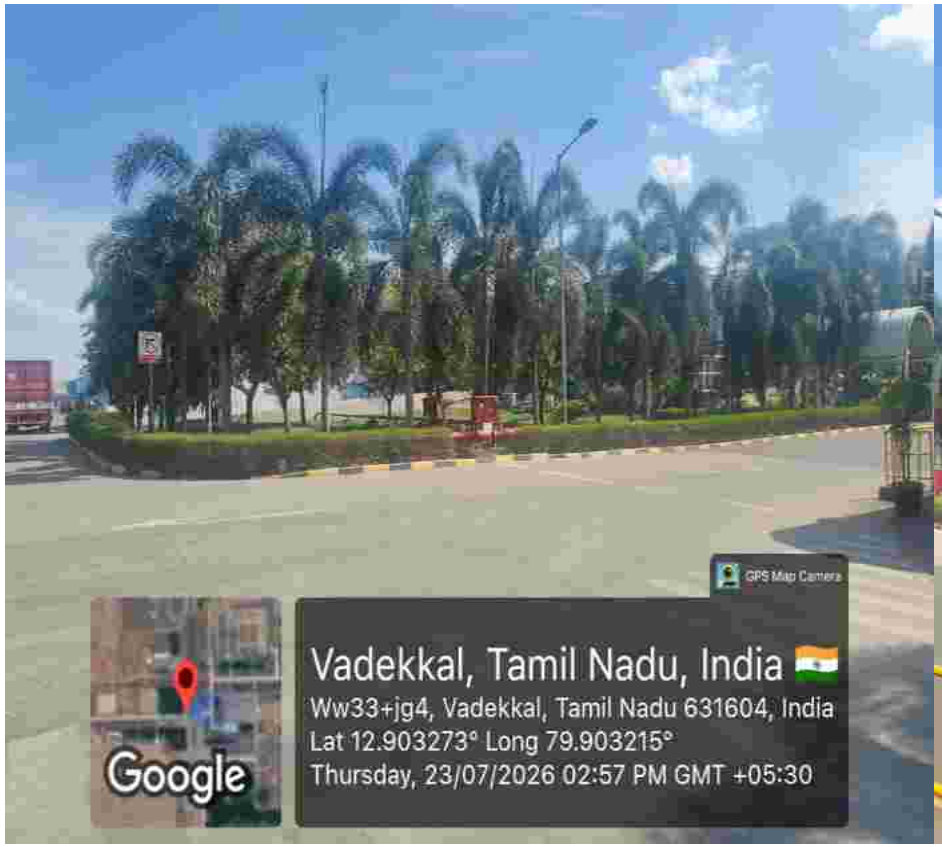
Greenbelt photo

Annexure-47





Greenbelt photo

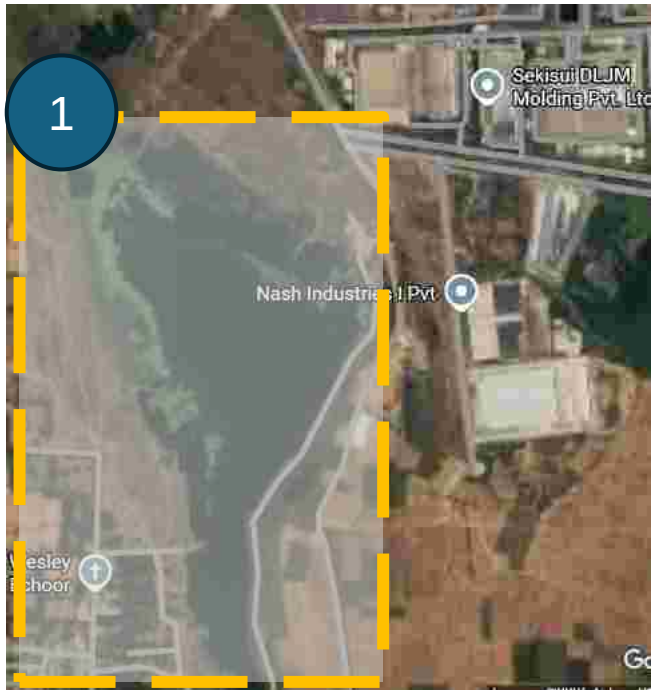


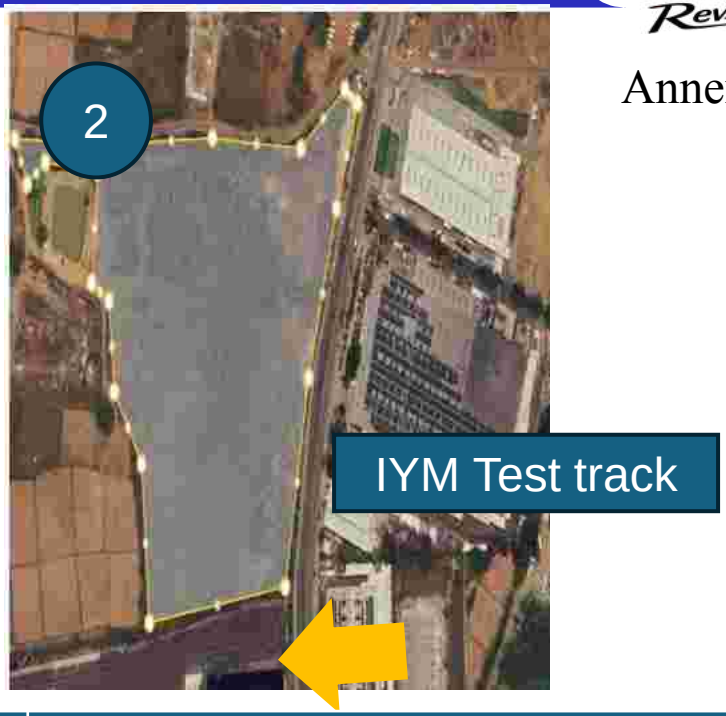
Lighting Arrestor

Annexure-48

Lake Details

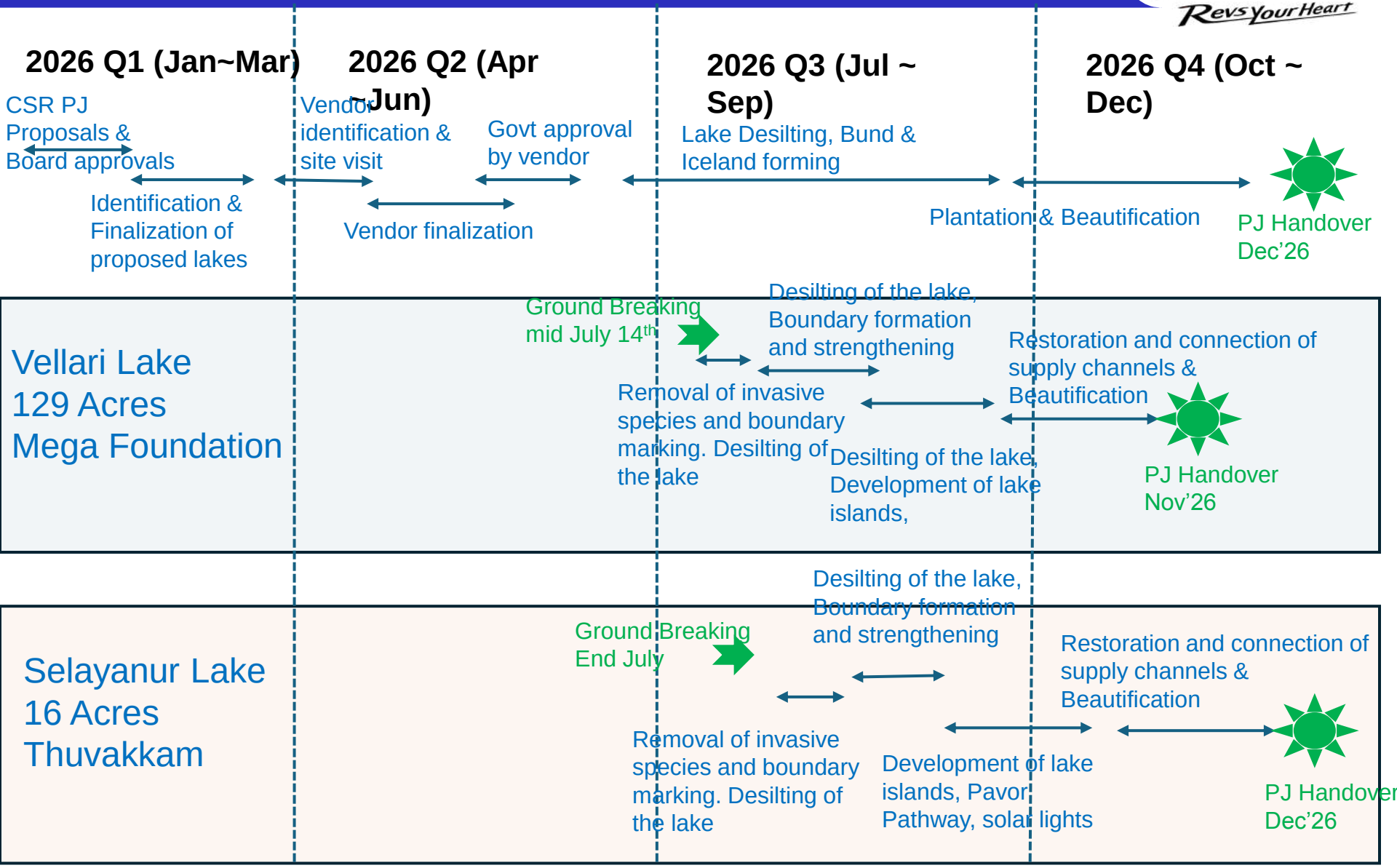
Annexure-49





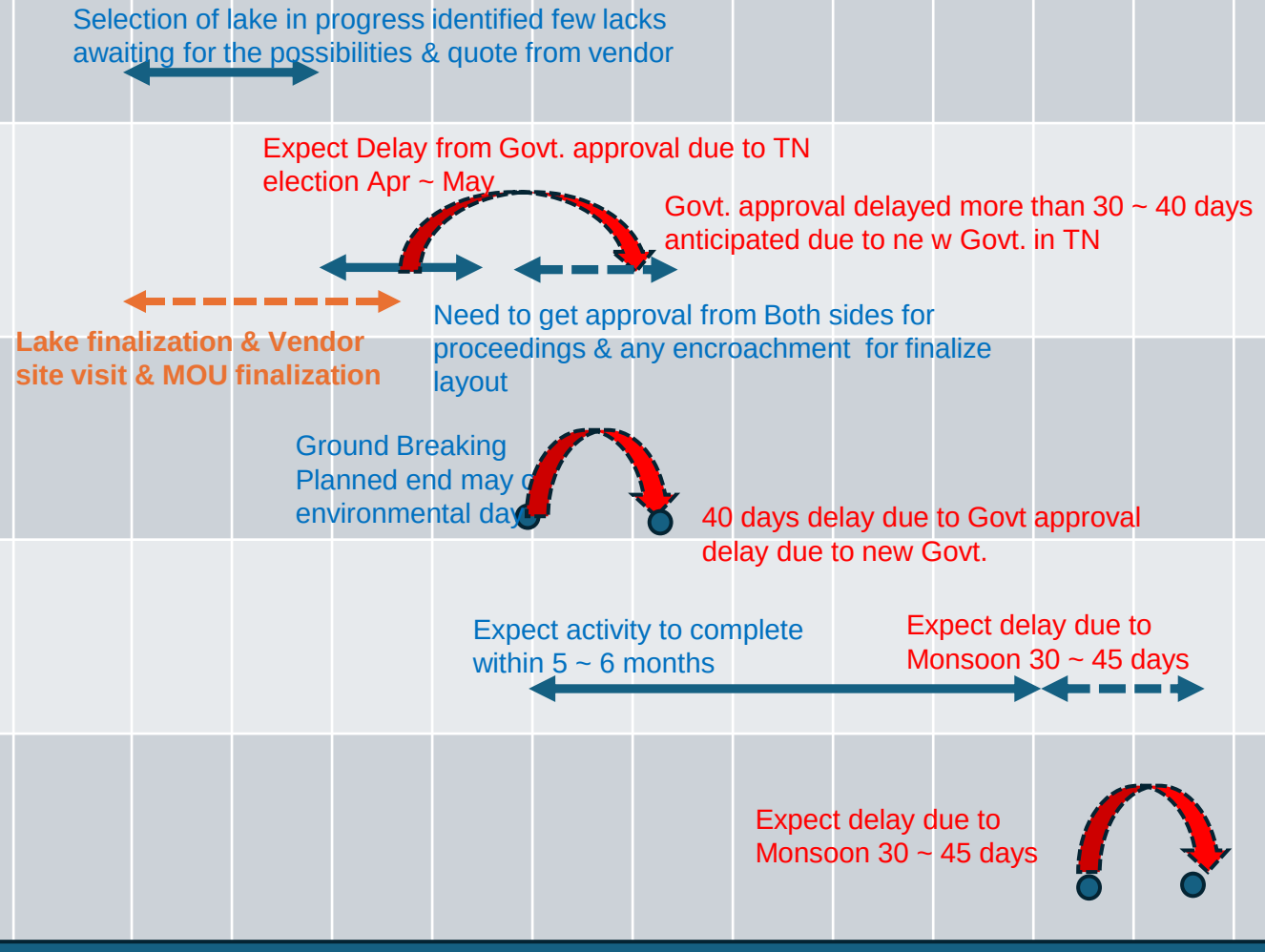
Category	1.Velleri Lake	2.Selayanur Lake
Area	129 Acres	16 Acres
Location	Back side of VP	Adjacent to IYM Boundary
Execution partner	Mega foundation	Thuvakkam
Capacity	190 Cr Litres	24 Cr Litres
Ground Breaking	Mid Jun'26 ➔ **14th July**	Mid Jun'26 ➔ **End July**
Inauguration	End of Oct'26 or Nov'26	Nov'26 ➔ Dec'26

Overall Schedule



Schedule : CER - EG Building Expansion. PJ

#	Activities	J'26	F	M	A	M	Jn	Jl	A	S	O	N	D	J
1	Identification & Finalization of proposed lakes													
2	Approval from IYM management Respective Govt dept													
3	Start of lake rejuvenation activities													
4	Completion Lead Time													
5	Handover / Inauguration													



Will endeavor to complete the PJ within this year on or before Dec'26

Annexure-50

TamilNadu Power Distribution Corporation Ltd.

High Tension Bill for the Month of May 2026

TNPDCL CIN No:U40109TN2008SGC073746 GST No:33AADCT4784E1ZC

HSN : 27160000 SAC : 996912

**** Electrical Energy & Distribution Services are exempted under GST ****

To:	INDIA YAMAHA MOTORS PVT LTD.	Service No:	099094100833
		Bill No:	B4100833032611
	Vallam Vadagal Village, Sriperumbudur Taluk	Date of Bill	16-Jun-26
		Due Date	16-Jun-26
	VADAKAL A		
	Sriperumbudur	Tariff App. / Bill	HT1 / HT1
	Kanchepuram - 631604	GST No :	33AABCI7552F1ZR

Permitted MD : 6000 KVA Supply Voltage : 110 KV Tr. CAP : 0 KVA

DETAILS	RATE	CONSUMPTION	AMOUNT (Rs.)
1. Industrial Consumption	7.5 per unit	7866	58,995.00
2. Peak Hour Consumption	1.875 per unit	0	0.00
3. Night Hour Consumption (5% Rebate)	0.375 per unit	7866 (-)	2,949.75(-)
4. Lavish Illumination charges (Entire consumption)	0.375 per unit		0.00
5. Green Tariff charges			0.00
6. Quarters Consumption	0 per unit	0	0.00
7. Commercial Consumption	0 per unit	0	0.00
8. Temp. Supply Consumption	0 per unit	0	0.00
9. Total Energy Charges			56,045.25
10. Demand Charges	608 per KVA	6512	34,59,296.00
11. Total Demand and Energy Charges			40,15,341.25
ADD			
12. Meter Rent			4,000.00
13. Belated Payment Surcharge for Govt service @0.5%			
14. Levy for exceeding corr. demand	1216 per KVA	512	6,22,592.00
15. Compensation Charges for low PF			0.00
16. Harmonics Compensation Charges			0.00
17. Cross Subsidy Surcharge			37,86,146.34
18. Electricity Tax			2,00,914.60
19. Additional Surcharge			0.00
20. Adjustment Charges(Affecting)			0.00
Rounding off			0.40
21. Assessment Amount			86,29,064.00
22. Adjustment Charges(Not Affecting)			+ 15,55,603.00
23. SD Refund amount / ASD amount if any			
24. Self Generation Tax			20,984.00
25. Self Generation Tax for Diesel Genset 0.10 /unit			0.00
26. E Tax on consumption from IEX			0.00
Net Total			1,02,05,671.00
Less: Amount Deductable due to Court Case			0.00
Less: Amount Deductable due to Advance CC			0.00
Tax collected at source			0.00
Net Amount Payable			1,02,05,671.00

Rupees : One Crore Two Lakhs Five Thousand Six Hundred and Seventy One Only

Amount Payable after due date & upto 01-Jul-26 1,02,71,834.00 (i.e 15 days Notice Period)

Deduction of TDS under section 194Q 8,650.00

RTGS Payment should be made for the exact Bill Amount. Any Part/Excess/Short Amount will be rejected.

This Bill is subject to the Audit, Outcome of the Court Cases, etc., if any, before the appropriate forum.

E & OE DEPUTY FINANCIAL CONTROLLER

H.T. BILL Working Sheet Annexure

Circle Code	9410	Meter Make		MF	40000
Circle Name	Kanchipuram	Meter SL No.			
Service No.	0990041100833	Bill Month	MAY	2024	

Reading Date : 01/05/2024				READING STATUS :Normal	
MF	40000	kWhr	kVAhr	rkVAhr	kVAmd
SLOT TYPE	C				
Final Reading		6823.254	6900.9737	1457.643	0.1638
Initial Reading		6549.742	6826.028	1449.4575	
Diff Reading		73.512	74.0457	8.1855	
Consumption		2940480	2961828	327420	6612
Average Consp.					
SLOT TYPE	C1				
Final Reading		862.8235	898.794		0.1558
Initial Reading		850.8295	886.9185		
Diff Reading		11.794	11.8745		
Consumption		471760	474980		8224
Average Consp.					
SLOT TYPE	C2				
Final Reading		1076.7655	1112.347		0.161
Initial Reading		1062.7415	1098.239		
Diff Reading		14.024	14.108		
Consumption		560960	564320		8440
Average Consp.					
SLOT TYPE	C3				
Final Reading		194.8585	203.893		0
Initial Reading		194.8585	203.893		
Diff Reading		0	0		
Consumption		0	0		0
Average Consp.					
SLOT TYPE	C5				
Final Reading		2039.4677	2113.16		0.151
Initial Reading		2017.319	2090.893		
Diff Reading		22.1487	22.267		
Consumption		885948	890680		6040
Average Consp.					

DEMAND CALCULATION

READING STATUS	QUOTA / SANCTIONED DEMAND	RECORDED DEMAND	DAYS BILLED	Total Days	90% of sanctioned demand for recorded demand whichever is higher	MD Rate	Amount (Rs.)
Normal	6000	6512.00	31	31	5400.00	608.00	39,59,296.00

Tax Calculation

I. E-Tax	
1) Realised energy charges	Amount (Rs.)
(a) Actual Energy Charges	58,995.00
(b) Peak Charges	0.00
(c) Tariff Elimination Charges	0.00
(d) Green Tariff Charges	0.00
(e) LF Charges	0.00
Total	58,995.00
2) Recorded Demand Charges including Transformer Loss	39,59,296.00
3) Low PF Surcharge	0.00
Taxable Amount	40,18,291.00
E-Tax Amount (5%)	2,00,914.60
II. OA E-Tax	0.00
III. Self generation Tax	20,984.00
Total E-Tax (Electricity Tax+Self Gen. Tax+Self Consumption Tax)	2,21,898.60

Abstract for OA Adjustment Charges

CHARGES	C001:AMR Meter Reading Charges	C002:CSS Charges	C003: Transmission Charges	C004:System Operation Charges	C005:Reliability Penalty	C006:Import Energy Charges	C007: Scheduling Charges	C008:Other Charges
02953414[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02953414[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923432[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923436[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923434[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923439[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923439[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923439[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923439[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923439[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923434[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923432[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923432[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923432[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03923439[illegible]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CHARGES	C001-AMR Meter Reading Charges	C002-O&M Charges	C003-Transmission Charges	C004-System Operation Charges	C005-RKvah Penalty	C006-Import Energy Charges	C007-Scheduling Charges	C008-Other Charges
036064302311	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
053214500133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
053014500077	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600196	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059014600198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600197	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600201	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600203	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600204	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600205	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600206	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600237	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059514600236	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059534750006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059534750002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059534750001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
059534750002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
069534420005	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720094	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079534720093	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720096	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079534720092	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720297	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204730350	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204730380	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720370	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720311	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720520	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204720590	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204721066	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079204721057	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CHARGES	Com1-AMR Meter Reading Charges	Com2-O&M Charges	Com3-Transmission Charges	Com4-System Operation Charges	Com5-Reactive Penalty	Com6-Import Energy Charges	Com7-Scheduling Charges	Com8-Other Charges
07920472105B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472107E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472137J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472137H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472137E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472138D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472139H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472140B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472140J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472151E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472151B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472153B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472156J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472158J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472172D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07920472172F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472214B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472285B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472255J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472256D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472257J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472257E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472280E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07921472289F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07922472289F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07922472312A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07922472587J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07924470503B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07924472405B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07926472402J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
07926472462J	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CHARGES	C001-AMR Meter Reading Charges	C002-O&M Charges	C003-Transmission Charges	C004-System Operation Charges	C005-RKvah Penalty	C006-Import Energy Charges	C007-Scheduling Charges	C008-Other Charges
079264724624	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724645	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724646	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724660	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724667	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724676	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724677	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079264724682	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079494720021	445.00	0.00	1,34,991.00	2,236.00	2,478.00	6,160.00	3,240.00	0.00
079514720451	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720452	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720466	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720060	445.00	0.00	4,49,793.00	7,453.00	7,274.00	17,414.00	3,240.00	0.00
079514720086	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720087	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720140	445.00	0.00	1,87,104.00	3,101.00	2,165.00	11,750.00	3,240.00	0.00
079514720145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720154	1,105.00	0.00	89,954.00	1,491.00	1,096.00	5,417.00	3,240.00	0.00
079514720161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CHARGES	C001-AMR Meter Reading Charges	C002-O&M Charges	C003-Transmission Charges	C004-System Operation Charges	C005-RKvah Penalty	C006-Import Energy Charges	C007-Scheduling Charges	C008-Other Charges
079514720169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720170	445.00	0.00	1,79,908.00	2,981.00	3,184.00	8,882.00	3,340.00	0.00
079514720171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
079514720175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2,869.00	0.00	10,41,888.00	17,362.00	18,396.00	47,623.00	19,200.00	0.00

CHARGES	C010-O&M Charges	WHLC-Wheeling Charges
029534140046	0.00	1,39,840.00
029534140051	0.00	73,054.00
038204390080	0.00	0.00
038204340118	0.00	0.00
038204340142	0.00	0.00
038204390067	0.00	0.00
038204390068	0.00	0.00
038204390064	0.00	0.00
038204390704	0.00	0.00
038204390809	0.00	0.00
038214340728	0.00	0.00
038214391080	0.00	0.00
038224320142	0.00	5,888.00
038224320150	0.00	11,931.00
038224320245	0.00	0.00
038224392090	0.00	0.00
038264392301	0.00	0.00
038264392311	0.00	0.00
038214500123	0.00	0.00
038514500077	0.00	0.00
038514600195	0.00	0.00
038514600196	0.00	0.00
038514600197	0.00	0.00
038514600200	0.00	0.00

CHARGES	C010-OSM Charges	WNLC-Wheeling Charges
059514600201	0.00	0.00
059514600203	0.00	0.00
059514600204	0.00	0.00
059514600205	0.00	0.00
059514600206	0.00	0.00
059514600207	0.00	0.00
059514600237	0.00	0.00
059514600238	0.00	0.00
059534760008	0.00	0.00
059534760032	0.00	0.00
059534760031	0.00	0.00
059534760032	0.00	0.00
059534429055	0.00	0.00
079204720054	0.00	0.00
079204720093	0.00	0.00
079204720094	0.00	0.00
079204720095	0.00	0.00
079204720096	0.00	0.00
079204720297	0.00	0.00
079204720365	0.00	0.00
079204720369	0.00	0.00
079204720370	0.00	0.00
079204720371	0.00	0.00
079204720529	0.00	0.00
079204720560	0.00	0.00
079204721056	0.00	0.00
079204721057	0.00	0.00
079204721058	0.00	0.00
079204721076	0.00	0.00
079204721377	0.00	0.00
079204721378	0.00	0.00
079204721379	0.00	0.00
079204721380	0.00	0.00
079204721381	0.00	0.00

CHARGES	0313-O&M Charges	WHLC-Wheeling Charges
079254721486	0.00	0.00
079254721487	0.00	0.00
079254721510	0.00	0.00
079254721518	0.00	0.00
079254721558	0.00	0.00
079254721561	0.00	0.00
079254721562	0.00	0.00
079254721573	0.00	0.00
079254721729	0.00	0.00
079214721967	0.00	0.00
079214722146	0.00	0.00
079214722558	0.00	0.00
079214722559	0.00	0.00
079214722560	0.00	0.00
079214722561	0.00	0.00
079214722562	0.00	0.00
079214722574	0.00	0.00
079214722575	0.00	0.00
079214722626	0.00	0.00
079224723387	0.00	0.00
079224723096	0.00	0.00
079224723124	0.00	0.00
079224723673	0.00	0.00
079244700329	0.00	0.00
079244724306	0.00	0.00
079264724621	0.00	0.00
079264724623	0.00	0.00
079264724624	0.00	0.00
079264724645	0.00	0.00
079264724646	0.00	0.00
079264724650	0.00	0.00
079264724667	0.00	0.00
079264724676	0.00	0.00
079264724677	0.00	0.00

CHARGES	CD15-DSM Charges	WHLC Wheeling Charges
079554729082	0.00	0.00
079494720027	7,799.00	1,29,806.96
079514700431	0.00	0.00
079514700432	0.00	96,805.00
079514700480	0.00	0.00
079514720031	0.00	0.00
079514720080	36,148.00	0.00
079514720086	0.00	0.00
079514720087	0.00	0.00
079514720112	0.00	0.00
079514720118	0.00	0.00
079514720119	0.00	0.00
079514720128	0.00	0.00
079514720136	0.00	0.00
079514720139	0.00	0.00
079514720140	15,605.00	0.00
079514720145	0.00	0.00
079514720146	0.00	0.00
079514720154	8,344.00	0.00
079514720161	0.00	0.00
079514720162	0.00	0.00
079514720163	0.00	0.00
079514720164	0.00	0.00
079514720165	0.00	0.00
079514720166	0.00	0.00
079514720167	0.00	0.00
079514720168	0.00	0.00
079514720169	0.00	0.00
079514720170	17,370.00	0.00
079514720171	0.00	0.00
079514720172	0.00	0.00
079514720173	0.00	0.00
079514720174	0.00	0.00
079514720175	0.00	0.00

TamilNadu Power Distribution Corporation Ltd.

High Tension Bill for the Month of May 2026

H.T. Bill Working Sheet

Service No. 0990941000[illegible]

LT Side Metering : NO Meter SL No : Service Date : 02/03/2015

Details	C24	C1	C2	C3	C4	C5
Consumption Summed (Gross (Recorded) egy. consumed)	2940480.00	471760.00	560960.00	0.00	1021812.0	885948.00
Add Computed Consumption *	0.00	0.00	0.00	0.00	0.00	0.00
Add Transformer Loss	0.00	0.00	0.00	0.00	0.00	0.00
Less Other Consumption						
Less Quarters Consumption						
Less Commercial Consumption						
Less Temp. Supply Consumption						
IEX						
THIRD PARTY	2889205.00	471760.00	476494.00	0.00	1021812.0	719138.00
CAPTIVE						
BIOMASS						
BAGASSE						
SOLAR	209838.00	0.00	50895.00	0.00	0.00	158943.00
Wind Adjustment	33571.00	0.00	33571.00	0.00	0.00	0.00
Net Industrial Consumption	7866.00	0.00	0.00	0.00	0.00	7866.00

KVAH	2961828	BKVAH	327420	Power Factor	0.99

DEPUTY FINANCIAL CONTROLLER

* For clarifications if any, kindly contact respective SE/EDCs

Please verify your IT PAN as available with TNPDCL's records, to enable lower rate of TCS u/s 206C (1H). In case of any difference, kindly bring it to the notice of the respective SE/EDC for appropriate levy of TCS

GST Details

Account Code	Account Description	Taxable Amount	GST 18%	CGST 9%	SGST 9%
61600	METER RENT	4090	0	0	0

TDS Details

Service No	Bill Month	Bill Year	Amount applicable for TDS reduction in	TDS Rate in %	TDS Billed in Rs

CHARGES	C010-DEM Charges	WHEC-Wheeling Charges
Total	[illegible]	[illegible]

099094100633	5	2020	8650068.169	0.1	8650

This payment can be made through NEFT or RTGS using any of the following :

S.No.	Virtual Account No	IFSC Code
1.	TNEBHTC9094100633	IFSC Code :IDIB000A089 (INDIAN BANK)
2.	TGFBHT9094100633	IFSC Code :FDRL0000CMS (FEDERAL BANK)
3.	TNEB099094100633	IFSC Code :IOBA0VAN034 (ICB)

सत्यमेव जयते

INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No.	:	IN-KA88521961969920N
Certificate Issued Date	:	02-Jan-2015 04:50 PM
Account Reference	:	NONACC (BK)/ kakscub08/ SHESHDRIPURAM/ KA-BA
Unique Doc. Reference	:	SUBIN-KAKAKSCUB08285119654273 52N
Purchased by	:	TOYOTA TSUSHO INDIA PRIVATE LIMITED
Description of Document	:	Article 12 Bond
Description	:	SALES AND PURCHASE AGREEMENT
Consideration Price (Rs.)	:	0 (Zero)
First Party	:	INDIA YAMAHA MOTORS PRIVATED LIMITED
Second Party	:	TOYOTA TSUSHO INDIA PRIVATE LIMITED
Stamp Duty Paid By	:	TOYOTA TSUSHO INDIA PRIVATE LIMITED
Stamp Duty Amount(Rs.)	:	100 (One Hundred only)

For MAHILA CO-OP. BANK LTD.,

Authorised Signatory

COPY NOT PAYABLE

Please write or type below this line

SALES AND PURCHASE AGREEMENT

This Sales and Purchase Agreement (this **"Agreement"**) is made and entered into on this 2nd Day of January, 2015 by and between:

INDIA YAMAHA MOTOR PRIVATE LIMITED

Statutory Alert:
1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

INDIA YAMAHA MOTOR PVT. LTD, a Company duly organized and existing under the laws of India, having its registered office at First Floor, the Great Eastern Centre, 70, Nehru Place, New Delhi-110019, India and having its branch office at Plot No. VV-1, SIPCOT Industrial Park, Vallam Vadaga Village, Sriperumbudur Taluk, Kanchipuram Dist., Tamil Nadu 602-105 (the "IYM/Seller") which terms shall, unless repugnant to the meaning and context whereof, mean and include its successors, assigns and executors) of the **FIRST PART** and;

TOYOTA TSUSHO INDIA PVT LTD., a Company incorporated under the provisions of the Companies Act, 1956, and having its registered office at Plot No. 33 & 34, Bidadi Industrial Area, Ramanagara Taluk/District Bidadi - 562109, (hereinafter referred to as **"TTIPL/Buyer"**, which terms shall, unless repugnant to the meaning and context whereof, mean and include its successors, assigns and executors) of the **SECOND PART**.

*Each of **IYM/Seller and TTIPL/Buyer** shall be referred to as a **"Party"** individually and collectively the **"Parties"**.*

WHEREAS

i. Seller is inter-alia engaged in the business of manufacturing two-wheelers in Indian Territory and is desirous of selling waste materials generated during the course of manufacturing of such two-wheelers from its plant premises situated at Plot No. VV-1, SIPCOT Industrial Park, Vallam Vadaga Village, Sriperumbudur Taluk, Kanchipuram Distt., Tamilnadu – 602105 (hereinafter referred to as "Plant Premises") to prospective buyers.

ii. Buyer being one of such prospective purchaser is desirous of purchasing waste materials (hereinafter defined as "Products") from Seller generated from the said Plant Premises and has approached Seller for the same.

iii. Seller is desirous of selling the Products to Buyer exclusively upon the terms and conditions hereinafter set forth.

NOW THEREFORE, the Parties agree as follows

ARTICLE 1 PRODUCTS

The **"Products"** shall mean waste materials which are not containing hazardous materials supplied by the Seller to Buyer, the specification of which is attached to this Agreement as Annexure I and made an integral part of this Agreement (the **"Specification"**).

ARTICLE 2 SALES AND PURCHASE CONDITION

2.1 The Seller shall sell the Products, and the Buyer shall purchase the same, in accordance with and subject to the terms and conditions of the Buyer's quotation and acceptance thereof by the Seller.

2.2 The Buyer shall deliver a quotation to the Seller indicating the description of the Products, prices and any other terms and conditions not stipulated in this Agreement. The Seller's acceptance of the Buyer's quotation shall be made within a reasonable time and shall not be unreasonably withheld. If the Seller does not reject the Buyer's quotation within seven (7) days from receipt thereof, then such quotation shall be deemed to have been accepted by the Seller. The quotation accepted by the Seller shall constitute a valid and binding individual contract for the sale of the Products by the Seller to the Buyer (the **"Individual Contract"**).

ARTICLE 3. SUPPLY OF PALLETS AND CONTAINERS

3.1 For the purpose of handling of scrap/ Products, the Buyer shall provide to the Seller required number of pallets and containers exclusively to stack, store and move scrap to be supplied to the Buyer and the Seller shall use such pallets and containers for supply to the Buyer only and it shall not use such pallets to stack, store and move scrap for any third party. The quantity, quality, specification of pallets and containers provided to Seller is more fully detailed in Annexure II attached herein. If Buyer provides additional quantity of pallets and containers to Seller, apart from the quantity detailed in Annexure II, the same shall be documented and made part of this Agreement as an Annexure.

3.2 The pallets and containers provided to the Seller in pursuance herein shall always remain the property of the Buyer for the period of this Agreement and any extension thereof, and the same shall be held by the Seller as a Bailee in trust for the Buyer. On expiry or earlier termination of this Agreement, the Seller shall return the same to the Buyer in the same condition it was handed over to the Seller, subject to normal wear and tear. Further, the Seller shall not claim any ownership on the Buyers pallets and containers or take lien on the same for any reason whatsoever.

3.3 Where, in the event pallets and containers provided to the Seller is damaged or lost due to the Seller's negligence, the same shall be made good by the Seller, by paying the cost towards the damaged or lost pallet based on Annexure II hereof.

ARTICLE 4. TITLE AND RISK

4.1 The title and the risk of loss or damage to the Products shall be transferred to the Buyer after handing over or loading of the Products onto Buyer's truck/ vehicle.

4.2 In the event that an interfusion of other materials, which is defined by Annexure II hereof, is discovered by the Buyer at any time after acceptance, the Buyer shall make a suitable communication to Seller and Parties shall cover the cost, in accordance with the loss and the rating, on pro rata basis.

ARTICLE 5. PRICE

The purchase price of the Products shall be quoted and accepted in INR and shall be agreed upon in each respective Individual Contract.

ARTICLE 6. PAYMENT TERMS

The payment terms for the purchase price of the Products shall be agreed upon in each respective Individual Contract.

The payment for the Products shall be made by means of telegraphic transfer remittance to the bank account designated by the Seller within 30 days from the date of receipt of invoice by the Seller.

ARTICLE 7. OBLIGATION

7.1 The Seller shall be obligated to segregate the Products, in accordance with agreement/ arrangement of Parties. Further, it shall be obliged to supply the Products conform to all applicable laws, regulations and standards and free from any hazardous materials.

7.2 The Buyer shall be obligated to arrange trucks/ vehicles promptly, in accordance with Seller's acceptance.

7.3 The Buyer shall be obligated to choose handling companies who has suitable governmental permissions and inform about such handling companies and routes to the Seller.

7.4 The Buyer shall be obligated to check and monitor handling companies not to use any illegal or unauthorized handling way.

7.5 If any of the obligations are not fulfilled, the Party in breach shall take countermeasures immediately. If other Party suffers loss due to such conditions, the aggrieved Party shall request compensation from Party in breach and fix the amount of compensation through mutual consultation.

ARTICLE 8. TERM

8.1 This Agreement shall become effective on the date first above written and shall remain in full force and effect for a period of three (3) years thereafter. Thereafter, this Agreement shall be automatically renewed for further periods of three (3) years each unless either Party gives the other Party a written notice of its decision not to renew this Agreement at least thirty (30) days prior to the expiration of the then current term.

8.2 Parties shall evaluate each service (quality, cost, delivery etc.) for each one (1) year. If Party is not satisfied with another Party's services, Parties shall mutually discuss further effort to improve the situation. If Parties cannot show any improvement, aggrieved Party may terminate the Agreement by giving the other Party a written notice of its decision at least thirty (30) days in advance.

ARTICLE 9. INDEMNITY

Each Party shall defend, indemnify and hold harmless the other Party (and/or its directors, officers, employees, agents, successors and assigns) from and against any and all actions, suits, administrative proceedings, claims, demands, liabilities, losses, damages, penalties, and costs and expenses of whatever nature (including without limitation all attorney's fees) arising out of (i) breach of any of the provisions in this Agreement, and (ii) personal injury, death or property damage suffered or allegedly suffered by any person or entity arising out of or in connection with any defect or alleged defect of the Products or mishandling of the Products. This indemnity shall survive the termination or expiration of this Agreement.

ARTICLE 10. TERMINATION

10.1 Each Party (the **"Terminating Party"**) may, by giving written notice to the other Party, forthwith terminate this Agreement and/or any Individual Contract in the event that:

(a) the other Party fails to perform any of its material obligations under this Agreement and/or the Individual Contract and does not rectify such failure within fifteen (15) working days of receipt of a written notice from the Terminating Party stating such failure; or

(b) proceedings in insolvency, bankruptcy, corporate reorganization, winding up or any other similar procedure is initiated (or threatened) by or against the other Party, or a receiver is appointed over all or a material part of the business or assets of the other Party, or liquidation proceeding is commenced by or against the other Party; or

(c) the other Party becomes unable to pay its debts generally as they become due; or;

(d) the other Party holds a meeting of creditors or makes a general assignment for the benefit of its creditors; or

(e) the whole or material part of the business of the other Party is transferred to a third party by merger, amalgamation, agreement, order of court or otherwise, or the other Party ceases to do business.

10.2 Subject to Article 9 supra and Article 10.3 below, no Party shall have the right to any monetary payment or any other form of compensation for any damage by reason of the expiration of this Agreement, or termination of this Agreement and/or any Individual Contract under this Article 10, by mutual agreement or otherwise howsoever.

10.3 Notwithstanding Article 10.2 above, termination of this Agreement and/or any Individual Contract by the Terminating Party shall be without prejudice to any other rights and/or claims that the Terminating Party may have against the other Party at the time of termination or thereafter. Unless otherwise expressly agreed between the Parties in writing, the termination or expiration of this Agreement shall not affect any outstanding Individual Contracts (except for any Individual Contract terminated by the Terminating Party in accordance with Article 10.1 above) that have been entered into prior to the expiration or termination of this Agreement, and such Individual Contracts shall be executed in accordance with the terms of this Agreement.

ARTICLE 11. FORCE MAJEURE

11.1 No Party shall be held liable or responsible for failure or delay in the performance of any of the terms and conditions of this Agreement and/or the Individual Contracts, if such failure or delay is due to any reason beyond the reasonable control of such Party, including, but not limited to, an act of God, acts of public enemy, war (whether declared or not), rebellion, riots, fires, explosion, sabotage, strikes and restrictions or orders of any governmental authority, SARS or any other epidemic or plague (collectively **"Force Majeure"**).

11.2 The Party who is affected by any Force Majeure shall promptly notify the other Party of the particulars of such Force Majeure and shall use its reasonable endeavors to overcome such Force Majeure.

ARTICLE 12. ASSIGNMENT

No Party can assign any of its rights, or delegate any of its obligations or duties under this Agreement and/or the Individual Contracts without the prior written consent of the other Party, which consent shall not be unreasonably withheld by the other Party.

ARTICLE 13. CONFIDENTIALITY

13.1 If either Party (the **"Disclosing Party"**) expressly designates certain information as secret at the time when such information are disclosed by such Party in connection with this Agreement, the other Party (the **"Receiving Party"**) shall keep such matters in strict confidence from any third party, provided that the Buyer may disclose the information regarding the Products to its customers who purchase the Products from the Buyer.

13.2 The confidential obligation shall not apply if the information sought to be disclosed:

(a) was publicly available or in the public domain at the time it was disclosed to the Receiving Party;

(b) was or becomes publicly available or public domain information through no fault of the Receiving Party subsequent to the time it was disclosed to the Receiving Party;

(c) was developed by the Receiving Party independently without access to or use or knowledge of the information disclosed by the Disclosing Party;

(d) was imparted by the Disclosing Party either before or after the time of disclosure to the Receiving Party or a third party without restrictions on disclosure or use; or

(e) was lawfully received by the Receiving Party without restriction on disclosure or use from a third party which is free to make such disclosure on such terms.

13.3 The confidential obligation shall be relieved if disclosure is required by law, regulations or orders (whether or not having the force of law) of a government authority or other organization having appropriate authority, provided that the Receiving Party shall provide the Disclosing Party with prompt notice so that the Disclosing Party may seek a protective order or other appropriate remedy. The Receiving Party shall reasonably cooperate with the Disclosing Party to enable the Disclosing Party to obtain such protective order or remedy.

ARTICLE 14. NOTICES

All notices and communications hereunder shall be made in writing, and effective (i) upon receipt if sent by facsimile to a Party's facsimile number set forth below or (ii) five (5) days after posting if sent by registered mail to a Party at its address set forth at the top of this Agreement, or to such other facsimile number or address as any Party may notify the other Party in accordance with this Article 14.

(a) **The Seller:** India Yamaha Motor Pvt. Ltd,
Attention: Managing Director
Plot No. VV-1, SIPCOT Industrial Park,
Vallam Vadaga Village, Sriperumbudur Taluk,
Kanchipuram Distt. Tamilnadu – 602105
Facsimile Number:

(b) **The Buyer**: Toyota Tsusho India Pvt. Ltd
Attention: Managing Director
Plot No. 33 & 34, Bidadi Industrial Area,
Ramanagara Taluk/District Bidadi - 562109
Facsimile Number: [080- 40823114]

ARTICLE 15. AMENDMENTS AND WAIVERS

No provision of this Agreement may be amended or waived, except in a writing signed by the both the Parties.

ARTICLE 16. SEVERABILITY

If any of the provisions contained in this Agreement shall be declared invalid, illegal or unenforceable in whole or in part under any applicable law, the validity, legality and enforceability of the remaining provisions or part thereof shall not in any way be affected or impaired.

ARTICLE 17. ARBITRATION

All disputes, controversies and/or differences arising out of or in relation to this Agreement, and/or any Individual Contract or the breach thereof, which cannot be settled by mutual accord without undue delay, shall be settled by arbitration in accordance with The Arbitration and Conciliation Act, 1996 and the Rules made thereunder (including statutory modifications, amendments, enactments thereof). The place of arbitration shall be Chennai, India and the arbitration shall be conducted in English language. The award thereof shall be final and binding upon the Parties, and judgment upon such award may be entered in any court having the jurisdiction thereof.

ARTICLE 18. GOVERNING LAW

This Agreement and the Individual Contracts shall be governed by and construed in accordance with the laws of India.

ARTICLE 19. ENTIRE AGREEMENT

This Agreement (including the Annexure) and the Individual Contracts constitute the entire agreement among the Parties in respect to the subject matter hereof and supersedes all previous negotiations and communications in respect thereto.

ARTICLE 20. HEADINGS

The headings of articles used in this Agreement are inserted for convenience of reference only and shall not affect the interpretation of respective articles of this Agreement.

ARTICLE 21. COUNTERPARTS

This Agreement may be executed in any number of counterparts, all of which will constitute one and the same instrument.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representatives on the day and year first above written.

INDIA YAMAHA MOTOR PVT. LTD

By: **Takashi Terabayashi**
Title: **Managing Director**

TOYOTA TSUSHO INDIA PVT LTD.

By: **Tatsuya Watanuki**
Title: **Deputy Managing Director**

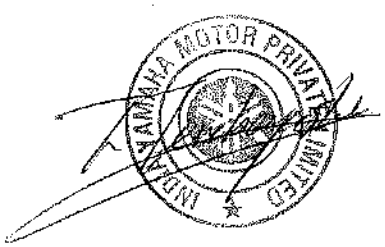
Annexure I

Product Specification

PRODUCTS	SPECIFICATION
Al + MS Mix Boring Scrap	ALUMINUM AND STEEL BORING SCRAP FROM MACHINING PROCESS
MS Boring Scrap	STEEL BORING SCRAP FROM MACHINING PROCESS
CI Boring Scrap	CASTING IRON BORING SCRAP FROM MACHINING PROCESS
MS Solid Scrap	STEEL SCRAP FROM MILD STEEL
Mix Solid Scrap	STEEL, ALUMINUM AND OTHER MATERIAL MIXED SCRAP
Wood Scrap	PACKING WOOD
Card Board Scrap	CARD BOARD
Soft Plastic Scrap	PACKING PLASTIC LIKE BOUBLE SHEET
Hard Plastic Scrap	PALLET AND NON PRODUCTION PLASTIC
PP Plastic Scrap	PP PLASTIC SCRAP FROM PRODUCTION
ABS Plastic Scrap	ABS PLASTIC SCRAP FROM PRODUCTION
Office Waste	GENERATED IN OFFICE LILE PAPER, LUNCH BOX

Each product(s) has to be segregated by the Seller.

In the event that other materials are attached to the Products, the Seller shall not dispose without the Buyer's permission.



Annexure II

Pallet and container details and compensation

<Pallet Type A(for Boring Scrap)>
Quantity:12 pallets(pallet No.1-12)
Size:(W)1,150mm x (L)1,150mm x (H)1,300mm
Value:25,000Rs/pallet
Year of Supply:2014(12 pallets)

<Pallet Type B(for Solid Scrap)>
Quantity:10 pallets(pallet No.13-22)
Size:(W)1,150mm x (L)1,150mm x (H)1,120mm
Value:24,000Rs/pallet
Year of Supply:2014(10 pallets)

<Container>
Quantity:2 containers(20 feet container)
Size:(W)2,438mm x (L)6,058mm x (H)2,591mm
Value:120,000Rs/container
Year of Supply:2014(3 containers)

Compensation of Damage or Lost:
In the event pallets provided to the Seller is damaged or lost due to the Seller's negligence liability, the Seller shall cover the cost as below rule:

1)Damage
Cheaper one between repair cost and remaining value which is calculated by "TABLE 1"
2)Loss
The cost which is calculated by "TABLE 1"

<TABLE 1 : compensation calculation>

CONDITION	Supply year(Y)	Y+1	Y+2	Y+3	Y+4	After Y+5
Damage	100%	80%	60%	40%	20%	10%
Loss	100%	100%	100%	100%	100%	100%

Compensation calculation: percentage multiple Value of one