

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

(Feb 2024– July 2024)

For

“Proposed Expansion of Tata Electronics Private Limited - Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No’s/Day with total built- up area of 5,57,470 Sq. m located at F. o. 312/1 , 31212A 324/1 324/2D, 324/2B, 324/2 , 312/2D2, 323/3, 326/1 327/IC, 326/IC, 311/IB 311/IC, 312/1 312/2D1, 313/3F, 312/IA, 312/1B, 312/Id, 313/4, 322/2B, 313/IE, 313/3, 313/3D, 313/IC, 313/3B, 313/IC, 322/3A, 322/3C 313/IA, 313/3A, 313/1B, 313/3 , 313/IF, 322/IA, 322/1B, 322/2 , 313/30, 313/4B, 322/1D 320/1, 320/3 , 321/1 , 320/3 321/1, 322/2 ,324/2C, 320/3B, 321/1 B, 320/A, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3E, 322/3F, 324/2 . 322/30, 324/2B, 323/2, 324/3, 325/1 325/1 B, 325/2, 313/1D. 326/1B, 327/1 F.326/1D, 326/IE, 327/IE, 309/2D, 316/1D, 314/3 3, 314/1B, 314/1 ,314/3 I, 315/5,308/1 . 308/IC, 319/1B, 308/1B, 308/2, 309/1 , 309/1B, 309/2B, 309/2 , 311/1 ,314/3 2. 309/2C, 311/1D, 309/2. 310/1 , 310/1B. 310/1 , 310/2, 311/1 , 311/IF,311/3B. 311/3 . 311/3 . 314/3B. 317/1D, 317/1 , 315/3,315/1 . 315/1D,315/431 14B. 316/1, 316/2B. 316/2. 316/2D. 316/3I. 316/"B, 316/3, 316/3F, 317/1 "17/2 I. 317/2 3. 317/2B.319/1 . 31-/1B. 31-;1 . 316/1 . 316/1B. "16/2 , "16r' 318/IA 318/18 318/IC, 318/2, 318/3A, 318/38 315/IE, 315/4 316/IF, 316/3D, 317/18, 315/4D 316/IC, 317/IA 317/2A2, 317/2A4 317/2A5 314/181, 13/4AI(P), 13/5AI, 13/5A2(P) 14/IA, 14/18, 141/1 (P), 14/2 , 14/28, 14/2C, 14/2D, 14/3A 14/38, 14/3C(P), 14/3D(P), 15/IA(P), 16/7A(P), 16/78(P), 16/8(P), 17/2, 17/3A(P) 17/38, 18/1, 18/28, 20 324/18 326/2, 327/IA, 327/18, 327/1D, 328/2, 332/4, 21/IA, 21/18, 21/IC, 21/1D, 21/IE, 21/IF, 21/IGI 21/2A 327/3, 332/2, 328/3, 328/1, 328/4, 15/68, 13/18, 15/5, I5/6A I, 311/2 313/2, 314/2, 315/2, 319/2, 320/2, 321/2 326/3, 327/2, 328/5, 332/ I, 332/5 of Thimjepalli Village, 143/2A, 143/IA, 143/18, 143/IC, 148/4A, 148/48 141/6, 141/4C, 141/5C, 143/28 143/3 144/1 147/1B, 147/IA 148/3, 134/IA, 134/18, 134/2 135/1 135/2, 136/IC 136/3B, 136/3C, 136/3D, 136/4A, 136/4B, 136/4C, 141/18, 141/IC, 141/1D, 14I/4A, 141/48 141/5A, 141/58, 14211A, 142/1B 142/IC, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, L6I/IA, 161/18, 161/IC, 16I/3, 16I/4A, 161/48, 161/5A(P), 161/58, 161/6A 161/68 161/7 161/8, 162/1, 162/2 170/IA, 170/18, 171/2AI,

171/2A2, 171/2A3, 171/2A4, 171/2A5, 172/1A, 172/18, 171/1A, 172/1C 172/IE, 172/3, 172/5A, 173/1, 173/3 174/1A(P) 174/18, 174/1C, 174/1D 174/IE 174/IF, 174/IG, 174/2(P) 174/3, 175/1 180/2A, 180/28 180/3, 181/2A, 181/28, 183/1 183/2 183/3, 183/4, 100/18, 100/1C, 100/2A18, 100/2A2A,98/3,98/4 99/2, 112/2A, 112/28, 112/3A, 112/38, 113/1, 113/2, 113/3, 113/4 114/2, I 14/3A, 114/38, 137/2A,137/28, 137/3, 137/4 , 137/48, 138/1, 138/2 138/4A, 138/48, 138/5, 138/6, 139/2, 139/3 139/5, 139/6, 139/9, 140/2, 140/4, 144/3 144/4, 146/2A 146/2B, 146/3, 146/4 150/6A, 150/68 151/1,152/1, 152/2, 152/4, 155/1, 155/2, 155/3, 156/1, 156/2, 157/1, 157/2 157/3A, 157/3B, 157/3C, 157/3D, 157/3E, 158/282, 138/1 137/7 140/3 180/4 137/5 139/10, 137/6, 140/7, 139/7, 172/1D, I 72/2(P), I 72/4A2(P) 172/4A1, 172/5B, 172/4A3 172/6, 172/2(P), I 72/4A2(P), I 72/48, 136/2, 141/2, 146/1, 144/2, 147/2 148/2, 150/2, 137/1. 138/3, 140/1, 149/1, 151/2, 151/3, 152/3, 172/7, 174/4, 174/5, 175/2, 180/5, 181/I, 139/1,150/4, 150/5, 140/5, 136/ I , 136/18, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/48, 150/3 of Udedurgam Village, 1241/18,1241/1 . 1241/281. 1241/282. 1242/28(P). 1242/3 2(P), 1238/182, 1238/1D, 1238/3 , 1238/38. 1238/3C, 242/3A2(P), 124/382, 1246/68. 1248/2 of Ayyaranpalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu”.

Submitted By

**M/s. Tata Electronics Private Limited
SF. No. 308-327, Thimjipalli Village,
Kelamangalam-Rayakottai Road,
Hosur, Krishnagiri District, TamilNadu -635113.**

Submitted to

**Ministry of Environment, Forest and Climate Change,
Regional Office,
Handloom Export Promotion Council,
34, Cathedral Garden Road,
Nungambakkam, Chennai - 600 034**

Prepared by



**ENVIRONMENTAL CONSULTANT
EHS 360 LABS (P) LTD, CHENNAI**

LIST OF ANNEXURES

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1.0 PROJECT DETAILS

Name of the Project	Proposed Expansion of Tata Electronics Private Limited - Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No's/Day with total built-up area of 5,57,470 Sq. m
Location	Thimjepalli Village and Udedurgam Village, Ayyaranpalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.
EC.No	EC24B039TN194136 dated: 06.01.2024
S.F.Nos.	<p>F. o. 312/1 , 31212A 324/1 324/2D, 324/2B, 324/2 , 312/2D2, 323/3, 326/1 327/IC, 326/IC, 311/IB 311/IC, 312/1 312/2D1, 313/3F, 312/IA, 312/1B, 312/Id, 313/4, 322/2B, 313/IE, 313/3, 313/3D, 313/IC, 313/3B, 313/IC, 322/3A, 322/3C 313/IA, 313/3A, 313/1B, 313/3 , 313/IF, 322/IA, 322/1B, 322/2 , 313/30, 313/4B, 322/1D 320/1, 320/3 , 321/1 , 320/3 321/1, 322/2 ,324/2C, 320/3B, 321/1 B, 320/A, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3E, 322/3F, 324/2 . 322/30, 324/2B, 323/2, 324/3, 325/1 325/1 B, 325/2, 313/1D. 326/1B, 327/1 F.326/1D, 326/IE, 327/IE, 309/2D, 316/1D, 314/3 3, 314/1B, 314/1 ,314/3 I, 315/5,308/1. 308/IC, 319/1B, 308/1B, 308/2, 309/1, 309/1B, 309/2B, 309/2, 311/1 ,314/3 2. 309/2C, 311/1D, 309/2. 310/1, 310/1B. 310/1 , 310/2, 311/1 , 311/IF,311/3B. 311/3 . 311/3 . 314/3B. 317/1D, 317/1 , 315/3,315/1 . 315/1D,315/431 14B. 316/1, 316/2B. 316/2. 316/2D. 316/31. 316/"B, 316/3, 316/3F, 317/1 "17/2 I. 317/2 3. 317/2B.319/I . 31-/1B. 31-;1 . 316/1 . 316/1B. "16/2 , "16r 318/IA 318/18 318/IC, 318/2, 318/3A, 318/38 315/IE, 315/4 316/IF, 316/3D, 317/18, 315/4D 316/IC, 317/IA 317/2A2, 317/2A4 317/2A5 314/181, 13/4AI(P), 13/5AI, 13/5A2(P) 14/IA, 14/18, 141/1 (P), 14/2 , 14/28, 14/2C, 14/2D, 14/3A 14/38, 14/3C(P), 14/3D(P), 15/IA(P), 16/7A(P), 16/78(P), 16/8(P), 17/2, 17/3A(P) 17/38, 18/1, 18/28, 20 324/18 326/2, 327/IA, 327/18, 327/1D, 328/2, 332/4, 21/IA, 21/18, 21/IC, 21/1D, 21/IE, 21/IF, 21/IGI 21/2A 327/3, 332/2, 328/3, 328/1, 328/4, 15/68, 13/18, 15/5, 15/6A I, 311/2 313/2, 314/2, 315/2, 319/2, 320/2, 321/2 326/3, 327/2, 328/5, 332/ I, 332/5 of Thimjepalli Village, 143/2A, 143/IA, 143/18, 143/IC, 148/4A, 148/48 141/6, 141/4C, 141/5C, 143/28 143/3 144/1 147/1B, 147/IA 148/3, 134/IA, 134/18, 134/2 135/1 135/2, 136/IC 136/3B, 136/3C, 136/3D, 136/4A, 136/4B, 136/4C, 141/18, 141/IC, 141/1D, 141/4A, 141/48 141/5A, 141/58, 14211A, 142/1B 142/IC, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, L6I/IA, 161/18, 161/IC, 161/3, 161/4A, 161/48, 161/5A(P), 161/58, 161/6A 161/68 161/7 161/8, 162/1, 162/2 170/IA, 170/18, 171/2AI, 171/2A2, 171/2A3, 171/2A4, I7I/2A5, 172/IA, 172/18, 171/IA, 172/IC 172/IE, 172/3, 172/5A, 173/1, 173/3 174/IA(P) 174/18, 174/IC, 174/1D 174/IE 1741/IF, 174/IG, I74/2(P) 174/3, 175/1 I80/2A, 180/28 180/3, 181/2A, 181/28, 183/1 183/2 183/3, 183/4, 100/18, 100/IC, 100/2AI8, 100/2A2A,98/3,98/4 99/2, 112/2A, 112/28, 112/3A, 112/38, 113/1, 113/2, 113/3, 113/4 114/2, I 14/3A, 114/38, 137/2A,137/28, 137/3, 137/4 , 137/48, 138/1, 138/2 138/4A, 138/48, 138/5, 138/6, 139/2, 139/3 139/5, 139/6, 139/9, 140/2, 140/4, 144/3 144/4, 146/2A 146/2B, 146/3, 146/4 150/6A, 150/68 151/1,152/1, 152/2, 152/4, 155/1, 155/2, 155/3, 156/1, 156/2, 157/1, 157/2 157/3A, 157/3B, 157/3C, 157/3D, 157/3E, 158/282, 138/1 137/7 140/3 180/4 137/5 139/10, 137/6, 140/7, 139/7, 172/1D, I 72/2(P), I 72/4A2(P) 172/4A1, 172/5B, 172/4A3 172/6, 172/2(P), I 72/4A2(P), I 72/48, 136/2, 141/2, 146/1, 144/2, 147/2 148/2, 150/2, 137/1. 138/3, 140/1, 149/1, 151/2, 151/3, 152/3, 172/7, 174/4, 174/5, 175/2, 180/5, 181/I,</p>

	139/1,150/4, 150/5, 140/5, 136/ I , 136/18, 140/6, 141/3, 141/IA, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/48, 150/3 of Udedurgam Village, 1241/18,1241/1 . 1241/281. 1241/282. 1242/28(P). 1242/3 2(P), 1238/182, 1238/1D, 1238/3 , 1238/38. 1238/3C, 242/3A2(P), 124/382, 1246/68. 1248/2 of Ayyaranpalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu			
Total Plot Area	22,51,106 sq.m			
Built up area	Total Buildup area – 5,57,470 Sq. m			
Description of Project	S.No	Component	Area in (Sqm)	Area in (Acres)
	1	Ground Coverage Area	417555	103.180
	2	Road Area	233343	57.660
	3	Paved Area	62230	15.377
	4	Parking Area	34642	8.560
	5	OSR Area	225110	55.63
	6	Greenbelt	382676	94.56
	7	Land for Future Develop	895551	221.292
	8	Total	2251106	556.26
Water Requirement	S.No	Purpose	Quantity (KLD)	Water Type
	1	Domestic	840	Fresh Water
	2	Process	2419	Fresh Water – 390 Treated Water - 2029
	3	Cooling Tower	534	Treated Water
	4	Canteen	420	Fresh Water
	5	Toilet Flushing	420	Treated Water
	6	Greenbelt	1149	Treated Water
Fresh Water – 1650 KLD Recycled Water – 4132 KLD Total Water – 5782 KLD Fresh Water Source: TWAD / TIDCO				
Quantity of Wastewater (KLD)	Sewage Generation		1701 kLD	
	STP Capacity		1500 kLD (2No's)	
Mode of disposal of Effluents / Sewages	Treated Water – 1701 kLD Flushing – 420 KLD Gardening – 747 KLD			

	Cooling Tower – 534 KLD 2029 KLD Effluent generated during the operation phase will be collected through pipelines and it will be treated in ETP			
Quantity of Solids Waste Generation, Mode of Treatment and disposal	Name of the Waste	Quantity (TIM)	Mode of Disposal	
	Aluminium scrap	410.60	Sent to Recyclers	
	Paper waste + Packing Cartons	3.00		
	Moulded Plastic Pellets scrap	6.66		
	Plastic waste (Wrappers, stable pins, etc)	6.00		
	Wood waste	3.00		
	Glasss waste	1.50		
	Steel / Iron	6.00		
	Cotton waste	3.00		
	Food waste	12.00		
Quantity of E-Waste generation, Mode of treatment and Disposal	Computer, Laptop, Mouse & Keyboard - 3000 No's/A. Sent to TNPCB Authorized recycler			
Quantity of Biomedical Waste generation, Mode of treatment and Disposal	Nil			
Quantity of Hazardous Waste generation, Mode of treatment and Disposal	Category. No.	Name of the Waste	Quantity	Mode of Disposal
	5.1	Used / Spent Oil	80 KL/A	Sent to Authorised Recycler
	5.2	Waste / Residues containing oil	24 T/A	Sent to TNPCB approved TSDF site.
	23.1	Wastes or residues (not made with vegetable or animal materials)	40 T/A	Sent to TNPCB approved TSDF site.
	33.1	Empty Container	48 T/A	Sent to Authorised Recycler
	35.3	Chemical Sludge from wastewater treatment	9790 T/A	Sent to TNPCB approved TSDF site.
	-	ATFD Salt	6525 T/A	Sent to TNPCB approved TSDF site.

Power Requirement	120 MVA (Source: TANGEDCO)		
Details of DG set with capacity	73 x 2250 KVA 5 x 1250 KVA		
Details of solar energy	<ul style="list-style-type: none"> 120000 x 0.8* :96000 KWday (0.8 * Conversion factor for KVA to KW) TEPL requirement is 96000 kW Rooftop Solar Power Generation in 2023 - I7o/o. Rooftop Solar - Open access with offsite Power Generation in 2026 - 70%		
Details of Green Belt Area			
i) Total area of green belt	3,82,676 Sq.m		
ii) No. of trees existing within the project site	1764 No's		
iii) No. of trees proposed to be planted	91170 No's		
iv) No. of trees to be transplanted/cut	100 No's		
Details of OSR Area	2,25,110 Sq.m		
Details of Parking Area	Type of Vehicle	No's	Total Area (Sqm)
	Trucks	15	36,642 Sqm
	Buses	50	
	Cars	288	
	2 Wheelers	750	
Provision for rainwater harvesting	2 Nos of Rainwater harvesting pond provided. Volume of the ponds:42492 KL		

2.0 LOCATION MAP



3.0 ENVIRONMENTAL CLEARANCE - SIX MONTH COMPLIANCE STATEMENT

Part A - Common Conditions for Pre-construction, Construction and Operation Phases:

S. No	Conditions	Status of compliance
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.	Accepted and Noted.
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.	Noted. We will not change the location in future.
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.	Accepted and noted.
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.	Noted and will be followed as applicable
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.	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.	We ensure that proper record showing compliance of all the conditions of Environmental Clearance will 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	We ensure that the environmental statement for each financial year ending 31st March in Form-V to be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and also put on the website of the company. The status of compliance of environmental clearance conditions and will 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	We ensure that, full cooperation will be given 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	CTE Obtained. Vide : Air Act ORDER NO. 2101236954157 dated : 04.05.2021 and Water Act ORDER NO. 2101136954157 dated 04.05.2021 Attaced as Annexure - 4
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.	Accepted and noted. Amendment EC Obtained attached as an Annexure - 2
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	Accepted and Noted.
12.	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project	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	Accepted and Noted.

	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 ₂ (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	The status of compliance of the stipulated EC conditions including results of monitored data will be uploaded on our website and the status will be updated periodically. The half yearly compliance report will be sent periodically to the Regional Office of Regional office of MoEF, Zonal office of CPCB & TNPCB. The Environmental Monitoring Report attached as an Annexure - 5
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.	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 Environmental Clearance	Agreed.
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.	Agreed.
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	Agreed and will be complied.
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	Agreed and will be complied.
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.	Environmental management cell will be set-up with suitable qualified personnel.

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.	There is change in the Building area and the management, We have amended EC from SEIAA, TN. The EMP cost will be deposited in a nationalized bank upon obtaining amended EC.
22.	The Project Proponent has to provide rainwater harvesting pits to recover and reuse the rain water during normal rains as reported	Complied. We have provided 2 rainwater harvesting ponds with capacity of 42492 KL.
23.	The project activity should not cause any disturbance & deterioration of the local bio diversity	We ensure that the project activity will not cause any disturbance & deterioration of the local biodiversity
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	We ensure that the project activity will not impact the water bodies. A detailed inventory of the water bodies and forest will be evaluated and fact reported to the Forest Department & PWD for monitoring.
25.	All the assessed flora & fauna should be conserved and protected	We ensure that all the assessed flora & fauna will be conserved and protected.
26.	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (8C.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, I 986.	We ensure that to comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (8C.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., will be followed strictly.
27.	Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.	Permission obtained from TWAD Board and TIDCO vide the letter No.65 dated 21.06.2021 and SK/TEPL/Water Supply 2023 dated 07.09.2023. Letters attached as Annexure - 6
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)	Qualified Environmental Engineer will be appointed for the Operation and Maintenance of STP and GWTP.
29.	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	We will 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.	We ensure that all the mitigation measures committed by our end for the flood management, Solid waste disposal, Sewage treatment & disposal etc., will be followed strictly.
31.	No waste of any type to be disposed of in any watercourse including drains canals and the surrounding environment.	We ensure that 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	We will ensure the Traffic congestion near the entry and exit points from the roads adjoining the proposed project site will be avoided.
33.	The safety measures proposed in the report should be strictly followed	We ensure that the safety measures proposed in the report will be strictly followed

Part B - Specific Conditions - Preconstruction Phases:

S. No	Conditions	Status of compliance
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.	The project authorities advertised in newspapers named “New Sunday Express” (English) Dated 14.01.2024. Copy is enclosed as Annexure 3 . And Tamil newspaper “Dinamani” dated 14.01.2024. Copy is enclosed as Annexure - 3
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.	Accepted and noted. Amended EC obtained and attached as Annexure - 2
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.	Will be complied. The clearance letter will be published 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	At the time of Building Plan approval, it will be checked that, the buildings are designed as per NBC norms.
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.	We ensure that the required sanitary and hygienic measures for the workers will 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.	The site falls in Seismic Zone – II (Low Risk) as per seismic zoning Map of India
7.	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration	We ensure that the construction of the structures will be undertaken as per the plans approved by the concerned local authorities/local administration
8.	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Notification 2011.	Construction of building height within the FSI/FAR norms, we aren't falling under CRZ Notification, 2011.
9.	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details (i) Locations of STP, compost system, underground sewer line. (ii) Pipe line conveying the treated effluent for toilet flushing (iii) Pipe Line conveying the treated effluent for toilet flushing (iv) Water supply pipelines (v) Gas supply pipe line, if proposed (vi) Telephone cable (vii) Power cable	Accepted and Noted.

	(viii) Storm water drains, and Rain water harvesting system, etc. and it shall be made available to the owners	
10.	First Aid Room shall be provided in the project site during the entire construction and operation phases of the project	Complied and provided.
11.	The present land use surrounding the project site shall not be disturbed at any point of time	Agreed and will be complied.
12.	The green belt area shall be planted with indigenous native trees	We ensure that the green belt area will be planted with indigenous native trees
13.	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.	We ensure that the Natural vegetation listed particularly the trees will not be removed during the construction/operation phase. In case any trees are likely to be disturbed, will be replanted.
14.	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	Agreed and will be complied.
15.	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated	Agreed and will be complied.
16.	There should be Firefighting plan and all required safety plan	We ensure that firefighting plant and required emergency response plan (ERP) will be provided on each floors.

Part C - Specific Conditions - Construction Phases:

S. No	Conditions	Status of compliance
1.	<p>Construction Schedule:</p> <p>(i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.</p>	<p>(i) We will furnish the probable date of commissioning of the project supported with bar charts to SEIAA-TN.</p>
2.	<p>Labour Welfare</p> <p>(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</p> <p>(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.</p> <p>(iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the</p>	<p>(i) We ensure All the laborers to be engaged for construction will be screened for health and adequately treated before and during their employment on the work at the site.</p> <p>(ii) We ensure that the personnel working in dusty areas will wear protective respiratory device and provided a adequate training and information on safety and health aspects. Occupational health surveillance program of the workers will be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.</p>

	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.	(iii) We ensure that Periodical medical examination of the workers engaged in the project will be carried out and records maintained.
3.	<p>Water Supply:</p> <p>(i) The entire water requirement during construction phase may be met from private tankers</p> <p>(ii) Provision shall be made necessary infrastructures for the housing labour within the site with all and facilities such as fuel cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project</p> <p>(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</p> <p>(iv) Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices prevalent.</p> <p>(v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control</p>	<p>(i) Noted and Followed</p> <p>(vi) We ensure that the provision will be made necessary infrastructures for the housing labour within the site with all and facilities such as fuel cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The temporary house form, if necessary and the temporary house will be removed after completion of the project.</p> <p>(vii) We ensure that the adequate drinking water and sanitary facilities will be provided for construction workers at the site. The treatment and disposal of waste water will be through dispersion trench after treatment through septic tank. The MSW generated will be disposed through Local Body and the identified dumpsite only</p> <p>(ii) Agreed and noted.</p> <p>(iii) We ensure that the Fixtures for showers, toilet flushing and drinking water will be of low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control</p>
4.	<p>Solid Waste Management:</p> <p>(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.</p> <p>(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.</p> <p>(iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.</p>	<p>(i) Agreed and Noted.</p> <p>(ii) We ensure that the Hazardous waste generated such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles will be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.</p> <p>(iii) We ensure that domestic solid wastes are collected regularly in bins waste handling receptacles and disposed as per the solid waste management rules 2016.</p>

	<p>(iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.</p> <p>(v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment</p>	<p>(iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.</p> <p>(v) The E-waste generated from our project will be collected and disposed through authorised e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended</p>
5.	<p>Top Soil Management:</p> <p>(i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.</p>	<p>(i) We ensure that all the top soil excavated during the construction activities will be stored for use horticulture/ landscape development within the project site.</p>
6.	<p>Construction Debris disposal:</p> <p>(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</p> <p>(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.</p>	<p>(i) We ensure that the Disposal of construction debris during construction phase will not create any adverse effect on the neighboring communities and It will be disposed off only in approved sites and we will obtained the construction and demolition waste will be managed as per Construction & Demolition Waste Management Rules, 2016</p> <p>(ii) We ensure that the Construction spoils, including bituminous materials and other hazardous materials, will not contaminate watercourses. The dump sites for such materials will be secured so that they will not leach into the adjacent land / lake/ stream etc.</p>
7.	<p>Diesel Generator sets:</p> <p>(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</p> <p>(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.</p> <p>(iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.</p>	<p>(iv) Low Sulphur Diesel will be used for operating diesel generator sets to be used during construction phase. The air and noise emissions are conformed with standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules and monitoring report of same attached as Annexure-5</p> <p>(v) We ensure that the required diesel for operating standby DG sets will be stored in barrels fulfilling the safety norms. The clearance from Chief Controller of Explosives shall be taken, if required.</p> <p>(ii) The acoustic enclosures will be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.</p>

8.	<p>Air & Noise Pollution Control:</p> <ul style="list-style-type: none"> (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 	<ul style="list-style-type: none"> (vi) We ensure that the Vehicles hired for bringing construction materials to the site will be in good condition and will conform to air and noise emission standards, prescribed by TNPCB/CPCB and the vehicles will be operated only during non-peak hours (vii) Ambient air and noise levels will conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality will be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented (i) We will ensure the Traffic congestion near the entry and exit points from the roads adjoining the proposed project site will be avoided. Parking will be fully internalized and no public space will be utilized. The Parking plan prepared as per CMDA norms. We will consult with traffic department and any cost-effective traffic regulative facility will be met before commissioning. (ii) We ensure that adequate Air Pollution Control measures will be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system will be provided and same will be used at regular interval to control the dust emission within the project site
9.	<p>Building material:</p> <ul style="list-style-type: none"> (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 	<ul style="list-style-type: none"> (i) We ensure that the Fly-ash blocks will 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 will be used in building construction and necessary cube-tests will be conducted to ascertain their quality. (iii) We ensure to Use of glass will 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 will be used in windows

10.	<p>Storm Water Drainage:</p> <p>(i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual</p> <p>(ii) Storm water management plan shall be obtained by engaging the services of Anna University / IIT.</p>	<p>(i) We ensure that the Storm water management around the site and on site will be established by following the guidelines laid down by the storm water manual.</p> <p>(ii) Storm water management plan will be obtained by engaging the services of Anna University / IIT.</p>
11.	<p>Energy Conservation Measures:</p> <p>(i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement.</p> <p>(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 fulfil the requirement.</p> <p>(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</p> <p>(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.</p> <p>(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.</p> <p>(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</p>	<p>(i) We ensure that the Roof will meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement.</p> <p>(ii) Opaque wall will meet prescribed requirement as per Energy Conservation Building Code and the same will be followed for all air-conditioned spaces by use of appropriate thermal insulation material to fulfil the requirement.</p> <p>(vii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights will be provided for illumination of common areas</p> <p>(iii) We ensure that the solar energy applications will 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 will be provided.</p> <p>(iv) We ensure that the report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency will be prepared incorporating details about building materials & technology; R & U factors etc and the same will be submitted to the SEIAA in three month's time</p> <p>(v) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building will be integral part of the project design and it will be in place before project commissioning.</p>
12.	<p>Fire Safety:</p> <p>(i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.</p> <p>(ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for</p>	<p>(iii) We ensure that the adequate fire protection equipments and rescue arrangements will be made as per the prescribed standards.</p>

	rescue operations in the event of emergency shall be made.	(i) We ensure that the Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency will be made.
13.	<p>Green Belt Development:</p> <p>(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</p> <p>(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</p> <p>(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.</p>	<p>(iv) We will 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.</p> <p>(i) Noted and Will be complied.</p> <p>(ii) We ensure that the green belt area will develop as per the plan furnished and are earmarked for the green belt will not alter at any point of time for any other purposes.</p>
14.	<p>Sewage Treatment Plant:</p> <p>(i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institution 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.</p> <p>(ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.</p> <p>(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</p> <p>(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.</p> <p>(v) The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.</p> <p>(vi) The project proponent has to provide separate standby D.G set for the STP/GWTP</p>	<p>(i) The Sewage Treatment Plant (STP) installed will be certified by an independent expert for its adequacy and a report in this regard will 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.</p> <p>(ii) We will install STP as furnished and any alteration to satisfy the bathing quality standard will be informed to SEIAA-TN</p> <p>(iii) We ensure that operate and maintain the sewage treatment plant effectively to meet the standards prescribed by the CPCB.</p> <p>(iv) We ensure that operate and maintain the sewage treatment plant effectively to achieve the standards prescribed by the CPCB.</p> <p>(v) We ensure that complete recycling of treated sewage water after achieved the standards prescribed by the CPCB.</p> <p>(vi) We ensure that the separate standby D.G set will be provided to continuous</p>

	for the continuous operation of the STP/GWTP in case of power failure.	operation of the STP/GWTP in case of power failure.
15.	<p>Rain Water Harvesting:</p> <p>(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</p> <p>(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.</p> <p>(iii) The Project Proponent has to provide rain water harvesting pits 23 Nos and rain water collection sump of 687cu.m capacity to recover and reuse the rain water during normal rains as reported</p> <p>(iv) The project activity should not cause any disturbance & deterioration of the local bio diversity</p>	<p>(i) We ensure that the roof rain water collected from the covered roof of the buildings, etc will be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water will be reused</p> <p>(ii) We ensure that the Rain water harvesting for surface run-off, as per plan submitted and implemented and before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.</p> <p>(iii) We ensure that will be provided the provide rain water harvesting pits 23 Nos and rain water collection sump of 687cu.m capacity to recover and reuse the rain water during normal rains</p> <p>(iv) The project activity will not cause any disturbance & deterioration of the local bio diversity</p>
16.	<p>Building Safety:</p> <p>Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary</p>	<p>(i) Lightning arrester will be installed at top of the building to avoid thunder storm during the rainy season.</p>

Part D - Specific Conditions - Operational Phase/Post constructional**Phase/Entire life of the Projects:**

S. No	Conditions	Status of compliance
1.	There should be Firefighting plan and all required safety plan	We ensure that firefighting plant and required emergency response plan (ERP) will be provided on each floors.
2.	Regular fire drills should be held to create awareness among owners/ residents	Periodical fire mock drill will be conducted when or where required for all owners/ residents to create awareness.
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.	We ensure that the Hazardous waste generated such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles will 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	We ensure that our building will not spoil the green views and aesthetics of surroundings
5.	Solar energy saving shall be increased to at least 10% of total energy utilization.	Noted and Followed
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.	We ensure that the CER committed in the affidavit will 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	There is Building area and the management, we obtained the amended EC from SEIAA, TN. The EMP cost will be deposited in a nationalized bank upon obtaining amended EC.
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	Not Applicable for us.
9.	The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable	Not applicable for us.
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	We will extent the possibilities towards discussion 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	The project activity will not 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	We ensure that afforestation / restoration programme contemplated for strengthening of open spaces will be preferably includes native species along with the financial forecast for planting and maintenance of 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.	CTE Obtained, before starting of the operation Consent to Operate will be obtained from the Tamil Nadu Pollution Control Board.

14.	Raw water quality to be checked for portability and if necessary RO plant shall be provided.	The Raw Water quality will be checked, and RO Plant will be provided, if necessary.
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.	We will ensure that 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 and after handing over the flats within 1 year to all allottees a viable society or an association among the allottees will 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 SEIAA-TN. The copy of MOU between the buyers Association and proponent will 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	The ground water level and quality will 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.	We ensure that the sewage generated from our project which will be treated by the sewage treatment plant and recycled or reused for greenbelt development / avenue plantation by adopting CPCB prescribed guidelines and also, We ensure that adequate control measures proposed to prevent odour and mosquito problem form STP
18.	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure	The STP will be operated 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	We ensure that the sewage generated from our project which will be treated by the sewage treatment plant and recycled or reused for greenbelt development / avenue plantation and which will not pollute 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	We ensure that adequate control measures proposed 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 2076 as amended	The E-waste generated from our project will be collected and disposed through authorised e-waste centre as per E- waste (Management & Handling), Rules 2076 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	The diesel generator which will be installed within our project premises used only for power backup purpose during the operation phase and we ensure that the Stack height proposed will be the combined capacity of all the proposed DG sets

23.	The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.	Noise Monitoring is done as per the MoEF/CPCB/TNPCB guidelines/norms both during day and night time. The Monitoring report is attached as Annexure - 5
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	We ensure that the spent oil which is generated from the D.G sets will be stored in HDPE drums in an isolated covered facility and disposed through authorised recyclers.
25.	The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.	We ensure that adequate collection and disposal mechanism will be provided for the house hold hazardous waste / E-Waste generated during operation phase.
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.	We ensure that storm water provided at the project site will be maintained without choking or without causing stagnations and also, we ensure that the storm water will be properly disposed in the natural drainage channels without disrupting the adjacent public and also, we ensure that adequate rain water harvesting facility will be provided.
27.	Used CFLs and TFLs should be properly collected and disposed of/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	We ensure that the used CFLs and TFLs will be collected and disposed through authorised recycling facility as per the prevailing guidelines / rules of the regulatory authority to avoid the 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, 1 986	Agreed and will be complied.
29.	The Environmental Clearance is issued bases on the documents furnished by the project proponent. In case any documents found to be incorrect / not in order later the Environmental Clearance issued to the project will be deemed to be revoked / cancelled.	Agreed and will be complied.

ENVIRONMENTAL
CLEARANCE



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), TAMIL NADU)

To,

The -1
SUBRAMANIAN SRINIVASAN
SF. No. 308-327, Thimjipalli Village,
Kelamangalam-Rayakottai Road,
Hosur, Krishnagiri District, TamilNadu -635113

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/TN/INFRA2/444004/2023 dated 07 Dec 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC24B039TN194136 |
| 2. File No. | 9738 |
| 3. Project Type | New |
| 4. Category | B |
| 5. Project/Activity including Schedule No. | 8(b) Townships and Area Development projects. |
| 6. Name of Project | Proposed Expansion of Tata Electronics Private Limited - Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No's/Day with total built-up area of 5,57,470 Sq. m |
| 7. Name of Company/Organization | SUBRAMANIAN SRINIVASAN |
| 8. Location of Project | TAMIL NADU |
| 9. TOR Date | N/A |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 06/01/2024

(e-signed)
Thiru.Deepak S.Bilgi
Member Secretary
SEIAA - (TAMIL NADU)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.

This is a computer generated cover page.

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,
and Virtuous Environmental Single-Window Hub)





**THIRU.DEEPAK S.BILGI, I.F.S.
MEMBER SECRETARY**

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMILNADU**

3rd Floor, Panagal Maaligai,
No.1, Jeenis Road, Saidapet,
Chennai - 600 015.
Phone No. 044-24359973
Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Lr.No. SEIAA-TN/F.No.9738/2023/8(b)/EC. No:999/2023 dated:06.12.2023

To

M/s. Tata Electronics Private Limited
SF. No. 308-327,
Thimjipalli Village,
Kelamangalam-Rayakottai Road,
Hosur, Krishnagiri District.

Sir/Madam,

Sub: SEIAA, TN - Proposed Establishment of Tata Electronics Private Limited (Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No's/Day) with total built-up area of 5,57,470 Sq. m located at SF. No. 312/1E, 312/2A, 324/1A, 324/2D, 324/2B, 324/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1d, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 313/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/A, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1B, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A, 309/1B, 309/2B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3,315/1A, 315/1D,315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/31, 316/3B, 316/3C, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B,319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G,

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318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 314/1B1, 13/4A1(P), 13/5A1, 13/5A2(P), 14/1A, 14/1B, 14/1C(P), 14/2A, 14/2B, 14/2C, 14/2D, 14/3A, 14/3B, 14/3C(P), 14/3D(P), 15/1A(P), 16/7A(P), 16/7B(P), 16/8(P), 17/2, 17/3A(P), 17/3B, 18/1, 18/2B, 20, 324/1B, 326/2, 327/1A, 327/1B, 327/1D, 328/2, 332/4, 21/1A, 21/1B, 21/1C, 21/1D, 21/1E, 21/1F, 21/1G1, 21/2A, 327/3, 332/2, 328/3, 328/1, 328/4, 15/6B, 13/1B, 15/5, 15/6A1, 311/2, 313/2, 314/2, 315/2, 319/2, 320/2, 321/2, 326/3, 327/2, 328/5, 332/1, 332/5 of Thimjepalli Village, 143/2A, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2B, 143/3, 144/1, 147/1B, 147/1A, 148/3, 134/1A, 134/1B, 134/2, 135/1, 135/2, 136/1C, 136/3B, 136/3C, 136/3D, 136/4A, 136/4B, 136/4C, 141/1B, 141/1C, 141/1D, 141/4A, 141/4B, 141/5A, 141/5B, 142/1A, 142/1B, 142/1C, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, 161/1A, 161/1B, 161/1C, 161/3, 161/4A, 161/4B, 161/5A(P), 161/5B, 161/6A, 161/6B, 161/7, 161/8, 162/1, 162/2, 170/1A, 170/1B, 171/2A1, 171/2A2, 171/2A3, 171/2A4, 171/2A5, 172/1A, 172/1B, 171/1A, 172/1C, 172/1E, 172/3, 172/5A, 173/1, 173/3, 174/1A(P), 174/1B, 174/1C, 174/1D, 174/1E, 174/1F, 174/1G, 174/2(P), 174/3, 175/1, 180/2A, 180/2B, 180/3, 181/2A, 181/2B, 183/1, 183/2, 183/3, 183/4, 100/1B, 100/1C, 100/2A1B, 100/2A2A, 98/3, 98/4, 99/2, 112/2A, 112/2B, 112/3A, 112/3B, 113/1, 113/2, 113/3, 113/4, 114/2, 114/3A, 114/3B, 137/2A, 137/2B, 137/3, 137/4A, 137/4B, 138/1, 138/2, 138/4A, 138/4B, 138/5, 138/6, 139/2, 139/3, 139/5, 139/6, 139/9, 140/2, 140/4, 144/3, 144/4, 146/2A, 146/2B, 146/3, 146/4, 150/6A, 150/6B, 151/1, 152/1, 152/2, 152/4, 155/1, 155/2, 155/3, 156/1, 156/2, 157/1, 157/2, 157/3A, 157/3B, 157/3C, 157/3D, 157/3E, 158/2B2, 138/1, 137/7, 140/3, 180/4, 137/5, 139/10, 137/6, 140/7, 139/7, 172/1D, 172/2(P), 172/4A2(P), 172/4A1, 172/5B, 172/4A3, 172/6, 172/2(P), 172/4A2(P), 172/4B, 136/2, 141/2, 146/1, 144/2, 147/2, 148/2, 150/2, 137/1, 138/3, 140/1, 149/1, 151/2, 151/3, 152/3, 172/7, 174/4, 174/5, 175/2, 180/5, 181/1, 139/1, 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3 of Udedurgam Village, 1241/1B, 1241/1C, 1241/2B1, 1241/2B2, 1242/2B(P), 1242/3A2(P), 1238/1B2, 1238/1D, 1238/3A, 1238/3B, 1238/3C, 242/3A2(P), 124/3B2, 1246/6B, 1248/2 of Ayyaranpalli Village. Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by M/s. Tata Electronics Private Limited – under Project Category “B1” and Schedule S.No. 8(b) “Township and Area Development Projects” as per the EIA Notification 2006 as Amended - Issue of Environmental Clearance – Regarding.


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Ref: 1.ToR issued by SEIAA-TN vide Lr No.SEIAA-TN/F.No.9738/SEAC/8(b)/ToR-1376/2023 dated:23.02.2023.

2. Online Proposal No. SIA/TN/INFRA2/444004/2023, dated 23.06.2023.

3. EIA report submitted dated: 15.09.2023.

4. Minutes of the 418th SEAC meeting held on 19.10.2023.

5. Minutes of the 421st SEAC meeting held on 08.11.2023.

6. Minutes of the 422nd SEAC meeting held on 09.11.2023.

7. Minutes of the 677th SEIAA meeting held on 06.12.2023.

This has reference to your application 2nd & 3rd cited, for the Proposed Establishment of Tata Electronics Private Limited (Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No's/Day) with total built-up area of 5,57,470 Sq. m by M/s. Tata Electronics Private Limited - under Project Category "B1" and Schedule S.No. 8(b) "Township and Area Development Projects" as per the EIA Notification 2006 as Amended.

The Competent Authority and Authorized Signatory furnished the detailed information in Form 1, Form 1A, Conceptual plan and Related documents enclosures are as Annexures.

Salient Features of the proposal

S. No	Description	Details
1.	Name of the Project	Proposed Establishment of Tata Electronics Private Limited (Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No's/Day) with total built-up area of 5,57,470 Sq. m by M/s. TATA Electronics private Limited.
2.	Location	SF. Nos: 312/1E, 312/2A, 324/1A, 324/2D, 324/2B, 324/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1d, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 313/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/A, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E.


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327/1E, 309/2D, 316/1D, 314/3A3, 314/1B, 314/1A ,314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A, 309/1B, 309/2B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A, 310/1B, 310/1C , 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3,315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/31, 316/3B, 316/3C, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B,319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 314/1B1, 13/4A1(P), 13/5A1, 13/5A2(P), 14/1A, 14/1B, 14/1C(P), 14/2A, 14/2B, 14/2C, 14/2D, 14/3A, 14/3B, 14/3C(P), 14/3D(P), 15/1A(P), 16/7A(P), 16/7B(P), 16/8(P), 17/2, 17/3A(P), 17/3B, 18/1, 18/2B, 20, 324/1B, 326/2, 327/1A, 327/1B, 327/1D, 328/2, 332/4, 21/1A, 21/1B, 21/1C, 21/1D, 21/1E, 21/1F, 21/1G1, 21/2A, 327/3, 332/2, 328/3, 328/1, 328/4, 15/6B, 13/1B, 15/5, 15/6A1, 311/2, 313/2, 314/2, 315/2, 319/2, 320/2, 321/2, 326/3, 327/2, 328/5, 332/1, 332/5 of Thimjepalli Village, 143/2A, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2B, 143/3, 144/1, 147/1B, 147/1A, 148/3, 134/1A, 134/1B, 134/2, 135/1, 135/2, 136/1C, 136/3B, 136/3C, 136/3D, 136/4A, 136/4B, 136/4C, 141/1B, 141/1C, 141/1D, 141/4A, 141/4B, 141/5A, 141/5B, 142/1A, 142/1B, 142/1C, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, 161/1A, 161/1B, 161/1C, 161/3, 161/4A, 161/4B, 161/5A(P), 161/5B, 161/6A, 161/6B, 161/7, 161/8, 162/1, 162/2, 170/1A, 170/1B, 171/2A1, 171/2A2, 171/2A3, 171/2A4, 171/2A5, 172/1A, 172/1B, 171/1A, 172/1C, 172/1E, 172/3, 172/5A, 173/1, 173/3, 174/1A(P), 174/1B, 174/1C, 174/1D, 174/1E, 174/1F, 174/1G, 174/2(P), 174/3, 175/1, 180/2A, 180/2B, 180/3, 181/2A, 181/2B, 183/1, 183/2, 183/3, 183/4, 100/1B, 100/1C, 100/2A1B, 100/2A2A, 98/3, 98/4, 99/2, 112/2A, 112/2B, 112/3A, 112/3B, 113/1, 113/2, 113/3, 113/4, 114/2, 114/3A, 114/3B, 137/2A,137/2B, 137/3, 137/4A, 137/4B, 138/1, 138/2, 138/4A.


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		138/4B, 138/5, 138/6, 139/2, 139/3, 139/5, 139/6, 139/9, 140/2, 140/4, 144/3, 144/4, 146/2A, 146/2B, 146/3, 146/4, 150/6A, 150/6B, 151/1, 152/1, 152/2, 152/4, 155/1, 155/2, 155/3, 156/1, 156/2, 157/1, 157/2, 157/3A, 157/3B, 157/3C, 157/3D, 157/3E, 158/2B2, 138/1, 137/7, 140/3, 180/4, 137/5, 139/10, 137/6, 140/7, 139/7, 172/1D, 172/2(P), 172/4A2(P), 172/4A1, 172/5B, 172/4A3, 172/6, 172/2(P), 172/4A2(P), 172/4B, 136/2, 141/2, 146/1, 144/2, 147/2, 148/2, 150/2, 137/1, 138/3, 140/1, 149/1, 151/2, 151/3, 152/3, 172/7, 174/4, 174/5, 175/2, 180/5, 181/1, 139/1, 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3 of Udedurgam Village and 1241/1B, 1241/1C, 1241/2B1, 1241/2B2, 1242/2B(P), 1242/3A2(P), 1238/1B2, 1238/1D, 1238/3A, 1238/3B, 1238/3C, 242/3A2(P), 124/3B2, 1246/6B, 1248/2 of Ayyaranpalli Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.																												
3.	Type of Project	Category "B1" Schedule 8 (b) Township and Area development projects																												
4.	Latitude & Longitude (Centre Co-Ordinate)	12°33'6.73"N - 77°57'3.74"E																												
5.	Total Plot Area (in sq. m)	Total Land Area -22,51,106 sq.m																												
		<table border="1"> <thead> <tr> <th>S. No</th> <th>Components</th> <th>Area in (Sqm)</th> <th>Area in (Acres)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Ground Coverage Area</td> <td>4,17,555</td> <td>103.180</td> </tr> <tr> <td>2</td> <td>Road Area</td> <td>2,33,343</td> <td>57.660</td> </tr> <tr> <td>3</td> <td>Paved Area</td> <td>62,230</td> <td>15.377</td> </tr> <tr> <td>4</td> <td>Parking Area</td> <td>34,642</td> <td>8.560</td> </tr> <tr> <td>5</td> <td>OSR</td> <td>2,25,110</td> <td>55.63</td> </tr> <tr> <td>6</td> <td>Greenbelt</td> <td>3,82,676</td> <td>94.56</td> </tr> </tbody> </table>	S. No	Components	Area in (Sqm)	Area in (Acres)	1	Ground Coverage Area	4,17,555	103.180	2	Road Area	2,33,343	57.660	3	Paved Area	62,230	15.377	4	Parking Area	34,642	8.560	5	OSR	2,25,110	55.63	6	Greenbelt	3,82,676	94.56
S. No	Components	Area in (Sqm)	Area in (Acres)																											
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6	Greenbelt	3,82,676	94.56																											


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		7	Land for Future Develop	8,95,551	221.296
		Total Land Area		22,51,106	556.26
6.	Brief description of the project	<p>TEPL, is a part of the Tata group and is presently held by Tata Sons which owns 100% of its equity share capital. Accordingly, all Tata group entities are closely connected to TEPL by virtue of common control and capital.</p> <p>Initially in the year 2021, TEPL planned to establish the manufacturing unit with the total built-up area of 1,42,635 Sq. m and obtained CTE from TNPCB. In continuation to that CTO has been obtained for the manufacturing unit vide Proceeding No. T5/TNPCB/F.3192HSR/RL/HSR/ A&W/2022 dated: 06.06.2022. As TEPL has planned to increase the production capacity, TEPL proposes to expand the unit with a total built-up area of 5,57,470 Sq. m</p>			
7.	Built up area details	Total Built Up area – 5,57,470 Sq.m			
8.	Maximum height of the project	17.5m			
9.	Maximum number of floors	G + M + 2 Floors			
10.	No. of blocks	-			
11.	Permissible FSI area	33,76,659.52 Sq.m			
12.	Proposed FSI area	6,24,682.01 Sq.m			
13.	Cost of Project	Rs.8206 Crores (Existing - Rs.3466 Crores & Proposed-Rs.4740 Crores)			
14.	No. of Saleable Units	-			
15.	Expected Population	42000Nos (Including Floating)			
16.	a) Water requirement (in KLD)	S. No.	Purpose	Quantity (KLD)	Water Type
		1.	Domestic	840	Fresh Water
		2.	Process	2419	Fresh Water = 390 KLD Treated Water = 2029 KLD

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		3. Cooling Tower	534	Treated Water
		4. Canteen	420	Fresh Water
		5. Toilet Flushing	420	Treated Water
		6. Greenbelt	1149	Treated Water
		Fresh water – 1650 KLD Recycled Water- 4132 KLD Total water - 5782 KLD		
	b) Source	TWAD / TIDCO		
17.	Details of Sewage generation and Treatment	Sewage generation - 1701 KLD STP Capacity – 1500 KLD (2 No's)		
18.	Mode of Disposal of treated sewage / effluent	Treated water - 1701 KLD i) Flushing - 420 KLD ii) Gardening – 747 KLD iii) Colling Tower – 534 KLD 2029 KLD Effluent generated during the operation phase will be collected through pipelines and it will be treated in ETP		
19.	Quantity of Solid Waste generation, Mode of treatment and Disposal	Name of the Waste	Quantity (T/M)	Mode of Disposal
		Aluminium Scrap	410.60	Sent to Recyclers
		Paper waste + Packing Cartons	3.00	
		Moulded Plastic Pellets scrap	6.66	
		Plastic wastes (Wrappers, stable pins, etc)	6.00	
		Wood waste	3.00	
		Glass waste	1.50	
		Steel / Iron	6.00	
		Cotton wastes	3.00	
		Food waste	12.00	OWC


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20.	Quantity of E-Waste generation, Mode of treatment and Disposal	Computer, Laptop, Mouse & Keyboard – 3000 No's/A. Sent to TNPCB Authorized recycler			
21.	Quantity of Biomedical Waste generation, Mode of treatment and Disposal	Nil			
22.	Quantity of Hazardous Waste generation, Mode of treatment and Disposal	Category. No.	Name of the Waste	Quantity	Mode of Disposal
		5.1	Used/Spent Oil	80 KL/A	Sent to Authorized recycler
		5.2	Wastes / Residues containing oil	24 T/A	Sent to TNPCB approved TSDF site.
		23.1	Wastes or residues (not made with vegetable or animal materials)	40 T/A	Sent to TNPCB approved TSDF site.
		33.1	Empty container	48 T/A	Sent to Authorized recycler
		35.3	Chemical Sludge from wastewater treatment	9790 T/A	Sent to TNPCB approved TSDF site.
		-	ATFD Salt	6525 T/A	Sent to TNPCB approved TSDF site.
23.	Power requirement	Power Requirement – 120 MVA Source of Power – TANGEDCO			
24.	Details of solar energy	<ul style="list-style-type: none"> 120000 x 0.8* = 96000 KW/day (0.8 * Conversion factor for KVA to KW) TEPL requirement is 96000 kW Rooftop Solar Power Generation in 2023 – 17%. Rooftop Solar - Open access with offsite Power Generation in 2026 – 70%.			


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25.	Details of D.G. set with Capacity	<ul style="list-style-type: none"> 73 x 2250 kVA (Stack Height – 27m Above Ground level) 5 x 1250 kVA (Stack Height – 25m Above Ground level) 												
26.	Details of Green Belt Area													
	i) Total area of green belt	3,82,676 Sq.m												
	ii) No. of trees existing within the project site	1764 Nos												
	iii) No. of trees proposed to be planted	91170 Nos												
	iv) No. of trees to be transplanted/cut	100 Nos												
27.	Details of OSR Area	2,25,110 Sq.m												
28.	Details of Parking Area	34,642 Sq.m												
		<table border="1"> <thead> <tr> <th>Type of Vehicle</th> <th>No's</th> <th>Total Area (Sq. m)</th> </tr> </thead> <tbody> <tr> <td>Trucks</td> <td>15</td> <td rowspan="4">34,642 Sq. m</td> </tr> <tr> <td>Buses</td> <td>50</td> </tr> <tr> <td>Cars</td> <td>288</td> </tr> <tr> <td>2 wheelers</td> <td>750</td> </tr> </tbody> </table>	Type of Vehicle	No's	Total Area (Sq. m)	Trucks	15	34,642 Sq. m	Buses	50	Cars	288	2 wheelers	750
Type of Vehicle	No's	Total Area (Sq. m)												
Trucks	15	34,642 Sq. m												
Buses	50													
Cars	288													
2 wheelers	750													
29.	Provision for rain water harvesting	2 Nos of Rainwater harvesting pond provided. Volume of the ponds:42492 KL												
30.	EMP Cost	Capital Cost: Rs.55.90 Crores Recurring Cost: Rs.5.69 Crores												
31.	CER Cost	Rs. 500 lakhs												

AFFIDAVIT FURNHSED BY THE PROPONENT

I, Sriram Kadiyala – Chief Financial Officer of M/s. Tata Electronics Private Limited, SF.308 – 327, Thimjepalli Village, Kelamangalam – Rayakottai Road, Hosur, Krishnagiri District - 635113. We have “Proposed Establishment of TATA Electronic Private Limited (i.e., Manufacturing & Assembly of metal case for mobile phones-3 Lakh No’s/Day) with total built-up area of 5,57,470 Sq. m.” located at S.F. No’s: 312/1E, 312/2A, 324/1A, 324/2D, 324/2B, 324/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1d, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 313/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F,


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322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/A, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1B, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A, 309/1B, 309/2B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/3I, 316/3B, 316/3C, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 314/1B1, 13/4A1(P), 13/5A1, 13/5A2(P), 14/1A, 14/1B, 14/1C(P), 14/2A, 14/2B, 14/2C, 14/2D, 14/3A, 14/3B, 14/3C(P), 14/3D(P), 15/1A(P), 16/7A(P), 16/7B(P), 16/8(P), 17/2, 17/3A(P), 17/3B, 18/1, 18/2B, 20, 324/1B, 326/2, 327/1A, 327/1B, 327/1D, 328/2, 332/4, 21/1A, 21/1B, 21/1C, 21/1D, 21/1E, 21/1F, 21/1G1, 21/2A, 327/3, 332/2, 328/3, 328/1, 328/4, 15/6B, 13/1B, 15/5, 15/6A1, 311/2, 313/2, 314/2, 315/2, 319/2, 320/2, 321/2, 326/3, 327/2, 328/5, 332/1, 332/5 of Thimjepalli Village, 143/2A, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2B, 143/3, 144/1, 147/1B, 147/1A, 148/3, 134/1A, 134/1B, 134/2, 135/1, 135/2, 136/1C, 136/3B, 136/3C, 136/3D, 136/4A, 136/4B, 136/4C, 141/1B, 141/1C, 141/1D, 141/4A, 141/4B, 141/5A, 141/5B, 142/1A, 142/1B, 142/1C, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, 161/1A, 161/1B, 161/1C, 161/3, 161/4A, 161/4B, 161/5A(P), 161/5B, 161/6A, 161/6B, 161/7, 161/8, 162/1, 162/2, 170/1A, 170/1B, 171/2A1, 171/2A2, 171/2A3, 171/2A4, 171/2A5, 172/1A, 172/1B, 171/1A, 172/1C, 172/1E, 172/3, 172/5A, 173/1, 173/3, 174/1A(P), 174/1B, 174/1C, 174/1D, 174/1E, 174/1F, 174/1G, 174/2(P), 174/3, 175/1, 180/2A, 180/2B, 180/3, 181/2A, 181/2B, 183/1, 183/2, 183/3, 183/4, 100/1B, 100/1C, 100/2A1B, 100/2A2A, 98/3, 98/4, 99/2, 112/2A, 112/2B, 112/3A, 112/3B, 113/1, 113/2, 113/3, 113/4, 114/2, 114/3A, 114/3B, 137/2A, 137/2B, 137/3, 137/4A, 137/4B, 138/1, 138/2, 138/4A, 138/4B, 138/5, 138/6, 139/2, 139/3, 139/5, 139/6, 139/9, 140/2, 140/4, 144/3, 144/4, 146/2A, 146/2B, 146/3, 146/4, 150/6A, 150/6B, 151/1, 152/1, 152/2, 152/4, 155/1, 155/2, 155/3, 156/1, 156/2, 157/1, 157/2, 157/3A, 157/3B, 157/3C, 157/3D, 157/3E, 158/2B2, 138/1, 137/7, 140/3, 180/4, 137/5, 139/10, 137/6, 140/7, 139/7, 172/1D, 172/2(P), 172/4A2(P), 172/4A1, 172/5B, 172/4A3, 172/6, 172/2(P), 172/4A2(P), 172/4B, 136/2, 141/2, 146/1, 144/2, 147/2, 148/2, 150/2, 137/1, 138/3, 140/1, 149/1, 151/2, 151/3, 152/3, 172/7, 174/4, 174/5, 175/2, 180/5, 181/1, 139/1, 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3 of Udedurgam Village, 1241/1B, 1241/1C, 1241/2B1, 1241/2B2, 1242/2B(P), 1242/3A2(P), 1238/1B2, 1238/1D,


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1238/3A, 1238/3B, 1238/3C, 242/3A2(P), 124/3B2, 1246/6B, 1248/2 of Ayyaranpalli Village. Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.

An application submitted by us seeking Environmental Clearance under the EIA Notification, 2006 is under scrutiny in the Authority.

I am furnishing the following undertaking to the Authority, and hereby solemnly affirm and state as follows:

We commit to SEIAA that the total water requirement is 5782 KLD. The required water will be sourced through TWAD & TIDCO/SIPCOT or recycling.

We commit to SEIAA that the Total quantity of sewage generated from the proposed project 1701 KLD, which will be treated in the STP of 1500 KLD (2 No's) capacity and out of which 1701 KLD of treated sewage will be generated and used for Greenbelt development (747 KLD), Flushing (420 KLD) and Cooling tower makeup (534 KLD). Total quantity of effluent generated is 2029 KLD, which will be treated in the Ano ETP of 62.5 KLD (2 No's), BM ETP of 10 KLD (5 No's), Coolant ETP of 10 KLD (6 No's) and Vi ETP of 100 KLD (3 No's) and treated effluent 339 KLD will be further treated in RO plant and 322.34 KLD of RO permeate will be used for process and RO reject will be sent to the MEE.

We commit to SEIAA that the Total Municipal Solid waste generated from the project site will be 408 Kg/day and waste will be disposed via OWC. ETP sludge/ ATFT Salt of 6525 TPA will be disposed of via TNPCB Authorized TSDF. The STP sludge of 102 Kg/day will be dried and used for greenbelt development.

We have allocated the CER fund of Rs. 500 Lakhs which will be utilized for the following activities, which will be undertaken in villages which are within 10 KM radius of the location where proposed expansion is proposed to be undertaken.

S. No	TEPL-CSR Pillars	Activities	Amount in Rs. (Lakh)	Remarks
1.	Environment	Environmental conservation activities as recommended by the District Forest Department.	150	


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		<ul style="list-style-type: none"> Any Other environmental activities in consultation with the local administration 		To work closely with village & govt. officials based on the plan .
2.	Livelihood	<ul style="list-style-type: none"> Skill development & Entrepreneurship for women and support for marketing products developed by tribals 	80	
3.	Health	<ul style="list-style-type: none"> Upgradation of Medical infrastructure and provision of diagnostic equipment for Primary Health Centers in consultation with the Department of Health Services 	90	
4.	Education & Sports	<ul style="list-style-type: none"> Upgradation of school -level infrastructure and promotion of participation in Sports and Academic competitions with the Department of Education. Sponsorship for meritorious candidates. 	180	
Total (Lakhs)			500	

The capital cost of Rs. 500 Lakhs towards CER activities will be spent in proportion to the actual built-up area out of the total built-up area of 5,57,470 Sq. m. before applying for CTO from TNPCB for the respective actual built-up area.

The cost of Environmental Management Plan (EMP) is Rs.55.90 Cr, as mentioned below:

S. No.	Description	Existing + Proposed Expansion	
		Capital Cost (Rs. In Lakhs)	Operating cost (Rs. In Lakhs)
1.	STP/ETP	2700.00	324.00
2.	Landscape & Gardening	1000.00	100.00
3.	Solid waste Management	135.00	13.50
4.	Rainwater harvesting	600.00	30.00

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5.	Air pollution Control measures (Stacks)	1155.00	115.50
Total Cost		5590.00	569.50

We assure you that we are liable for the operation and maintenance of STP and ETP from the date of operation of the project.

We also assure that all the conditions recommended by DFO shall be implemented in full.

We also assure that the storm water drain would not carry any untreated or treated sewage.

We also assure that our project site does not encroach any water bodies such as rivers, canals, nallas, lakes, ponds, tanks, etc., from its original boundary.

We also assure you that no banned chemicals are used or produced in our unit.

We also assure you that no litigations are pending against the project.

I am aware that I can be prosecuted under the relevant Act and Rules if I am not ensuring the adherence of the above commitment.

Commitment signed by me as an Authorized signatory of the Project Proponent before the SEIAA, Tamil Nadu.

Discussion by SEIAA and the Remarks:

The proposal was placed in the 677th Authority meeting held on 06.12.2023. The authority noted that this proposal was placed for appraisal in 422nd meeting of SEAC held on 09.11.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority accepted the recommendation of SEAC and decided to **grant of Environmental Clearance subject** to the conditions as recommended by SEAC & normal condition in addition to the following conditions: This is also subject to the conditions imposed by MOEF&CC in addition to the following conditions and the conditions in Annexure 'C' of this minutes.


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1. As accepted by the Project Proponent the CER cost is Rs.500 Lakhs and the amount shall be spent within 1 year and the same shall be submitted to TNPCB, for committed activities as mentioned in SEAC minutes.
2. The PP shall ensure health security for all staffs and PP shall ensure doctor is available at the site.
3. The proponent shall deploy cost-effective technology to reduce GHG emissions.
4. The proponent shall adopt strategies to develop carbon-neutral or zero-carbon building.
5. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).
6. The proponent shall adopt strategies to decarbonize the building.
7. The proponent shall adopt strategies to maintain the health of the inhabitants.
8. The proponent shall adopt strategies to reduce electricity demand and consumption.
9. The proponent shall provide provisions for automated energy efficiency.
10. The proponent shall provide provisions for controlled ventilation and lighting systems.
11. The proponent shall adopt strategies to reduce temperature including the Building Façade.
12. The proponent shall adopt methodologies to effectively implement 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.
13. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
14. The proponent shall adopt methodology to control thermal environment and other shocks in the building.
15. The proponent shall adopt strategies to reduce anthropogenic GHGs such as CO₂, CH₄, nitrous oxide, etc., resulting from human activities.
16. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.
17. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,
18. The proponent should develop an emergency response plan in addition to the disaster


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- management plan.
19. The proponent should maintain environmental audits to measure and mitigate environmental concerns.
 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 ensure that the proposed activities in no way result in the spread of invasive species.
 22. 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.
 23. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.
 24. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
 25. 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.
 26. The proponent shall adopt strategies to prevent bird hits and impact on movement of migratory birds.
 27. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
 28. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.

Annexure 'C'

Climate Change

1. The proponent shall adopt strategies to decarbonize the building.
2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).
3. The proponent shall adopt strategies to reduce temperature including the Building Façade.
4. The proponent shall adopt methodology to control thermal environment and other shocks in the building.


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5. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.
6. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
7. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
8. 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.
9. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.

Health

10. The proponent shall adopt strategies to maintain the health of the inhabitants.

Energy

11. The proponent shall adopt strategies to reduce electricity demand and consumption.
12. The proponent shall provide provisions for automated energy efficiency.
13. The proponent shall provide provisions for controlled ventilation and lighting systems.
14. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
15. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
16. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.

Regulatory Frameworks

17. The proponent shall adopt methodologies to effectively implement 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.
18. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per


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provisions of 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.

19. The proponent shall provide elevator as per rules CMDA/DTCP.

Database maintenance & audits

20. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.

21. The proponent should maintain environmental audits to measure and mitigate environmental concerns.

Biodiversity

22. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,

23. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.

24. 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.

25. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.

26. 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.

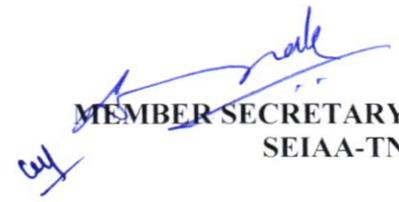
27. The proponent shall adopt strategies to prevent bird hits.

Safety measures

28. The proponent should develop an emergency response plan in addition to the disaster management plan.

29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.

30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.


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31. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
32. The proponent shall provide the emergency exit in the buildings.
33. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.

Water/Sewage

34. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
35. 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.
36. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
37. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
38. The proponent shall ensure that provision should be given for proper utilization of recycled water.
39. The project proponent shall adhere to storm water management plan as committed.

Parking

40. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.

Solid waste Management

41. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
42. 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

43. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.


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44. The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.
45. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.

Others

46. 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.
47. The project proponent shall adhere to height of the buildings as committed.

Environmental Clearance along with the conditions containing four parts namely

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

Part - B – Specific Conditions – Pre construction phase

Part - C – Specific Conditions – Construction phase

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

Validity:

The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:

Conditions imposed by SEAC:

1. The proposed construction shall conform to IGBC norms and the PP shall obtain IGBC Platinum Certification.
2. The project proponent shall provide ETP of capacity as committed above in addition to the existing ETP.
3. As per DFO letter dated 28.07.2023, the PP shall develop only green belt in an area of 37.79Ha (in Cauvery North Eco sensitive zone boundary) and should not carry out any construction activities.
4. The PP shall not carry out any construction activities in the following survey nos and shall develop only green belt.


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328/3pt, 4pt, 1pt & 332/5pt, 2 pt of Thimjepalli Village and 157/3E pt, 161/1A pt, 161/1B pt, 161/1C, 161/3, 161/4A, 161/4B, 161/5A, 161/5B, 161/6A, 161/6B, 161/7, 161/8, 162/1 pt, 162/2pt, 170/1A, 170/1B, 171/1A, 171/2A1, 171/2A2, 171/2A3, 171/2A4, 171/2A5, 172/1A, 172/1B, 171/1A, 172/1C, 172/1D, 172/1E, 172/2, 172/3, 172/5A, 5B, 172/6, 172/4A1, 4A2, 4A3, 172/4B, 172/7, 173/1, 173/2, 173/3, 174/1A, 174/1B, 174/1C, 174/1D, 174/1E, 174/1F, 174/1G, 174/2, 174/3, 174/4, 174/5, 175/1, 175/2, 180/2A, 180/2B, 180/3, 180/4, 180/5, 181/2A, 181/2B, 183/1, 183/2, 183/3, 183/4 & 188/2C of Udedurgam Village, Denkanikottai taluk, Krishnagiri District.

5. The PP shall not carry out any construction activities in the following Latitude and Longitude and shall develop only green belt.

Points	Latitude	Longitude
A	12°32'50.87"N	77°56'44.74"E
B	12°32'48.38"N	77°56'52.10"E
C	12°32'44.94"N	77°57'16.11"E
D	12°32'43.41"N	77°57'20.08"E
E	12°32'42.09"N	77°57'23.63"E
F	12°32'40.59"N	77°57'27.48"E

6. The project proponent shall provide STP of capacity 1500 KLD in addition to the existing STP.
7. STP shall be installed on 10-year BOOT basis, so that the construction and maintenance are combined in one single responsibility.
8. 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.


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9. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
10. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
11. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
12. The project proponent should develop green belt in the township as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms.
13. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
14. Proponent should submit the certified compliance report of previous/present EC along with action taken report to the Regional office MoEF Lko/Director of Environment and other concerning authority regularly.
15. 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.
16. 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.
17. The proponent shall provide, operate and maintain adequate Air-pollution control measures for the process area.
18. 100% of the roof coverage of the admin block building should be specifically allocated for solar panels and should be used for the generation of solar energy.
19. The proponent should continuously monitor the VOC and ensure that VOC levels are within permissible limits.
20. The proponent shall strictly follow the norms and guidelines mentioned in the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for the handling and disposal of Hazardous waste to be generated.
21. The proponent shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case


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scenario in regard to existing safety measures/standard operating procedures adopted for the process/ equipment/utilities for operation & maintenance and the storage areas of products, raw materials, solvent, fuel, etc. in the different operating zones of the plant at least once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.

22. A detail report on the safety measure and health aspects including periodical audiometry, pulmonary lung function, etc., test reports once in a year for all the workers shall be submitted to TNPCB.
23. As the plant operation involves the sensitive processing, the medical officer and the supporting staff involved in the health centre activities shall be trained in occupational health surveillance (OHS) aspects through the outsourced training from the experts available in the field of OHS for ensuring the health standard of persons employed.
24. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
25. As accepted by the Project Proponent the CER cost is Rs. 500 lakhs and the amount shall be spent within 1 year and the same shall be submitted to TNPCB, for committed activities as mentioned below.

S. No	TEPL-CSR Pillars	Activities	Amount in Rs. (Lakh)	Remarks
1.	Environment	Installation of cloth bag vending machines (Manjappai) to support the eradication of single-use plastics. Support solid waste management initiatives	150	To work closely with village & govt. officials based on the plan
		Installation of steel wire fences and solar lamps in areas recommended by the District Forest Department.		
2.	Livelihood	Skill development & Entrepreneurship for women and support for marketing products developed by tribals	80	


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3.	Health	Upgradation of Medical infrastructure and provision of diagnostic equipment for Primary Health Centers in consultation with the Department of Health Services	90	
4.	Education & Sports	Upgradation of school -level infrastructure and promotion of participation in Sports and Academic competitions with the Department of Education. Sponsorship for meritorious candidates.	180	
Total (Lakhs)			500	

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

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.


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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 and PM25) 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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, 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.


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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.


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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


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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


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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


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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


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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.


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10. Corporate Environment Responsibility:

1. The PP shall complete the CER activities, as committed, before obtaining CTE.
2. 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).
3. 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.
4. 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).

11. 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.


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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.


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Appendix -I

List of Native Trees Suggested for Planting

1. *Aeglemarmelos*–Vilvam
2. *Adenaantherapavonina*-Manjadi
3. *Albizialebeck*–Vaagai
4. *Albiziaamara*-Usil
5. *Bauhinia purpurea* - Mantharai
6. *Bauhinia racemosa* - Aathi
7. *Bauhinia tomentosa*–Iruvathi
8. *Buchananiaaillaris*-Kattuma
9. *Borassusflabellifer*- Panai
10. *Buteamonosperma* - Murukkamaram
11. *Bobaxceiba*– Ilavu, Sevvilavu
12. *Calophylluminophyllum* - Punnai
13. *Cassia fistula*- Sarakondrai
14. *Cassia roxburghii*- Sengondrai
15. *Chloroxylonsweitenia* - Purasamaram
16. *Cochlospermumreligiosum*– Kongu, Manjallavu
17. *Cordiadichotoma*– Mookuchalimaram
18. *Cretevaadansonii*–Mavalingum
19. *Dilleniaindica*– Uva, Uzha
20. *Dilleniapentagyna*– SiruUva, Sitruzha
21. *Diospyrosebenum*- Karungali
22. *Diospyroschloroxylon*– Vaganai
23. *Ficusamplissima*– Kalltchi
24. *Hibiscus tiliaceous*–Aatrupoovarasu
25. *Hardwickiabinata*– Aacha
26. *Holopteliaintegrifolia*-Aayili
27. *Lanneacoromandelica* - Odhiam
28. *Lagerstroemia speciosa* - Poo Marudhu
29. *Lepisanthustetraphylla*- Neikottaimaram
30. *Limoniaacidissima* - Vila maram


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31. *Litsea glutinosa*–Pisinpattai
32. *Madhucal longifolia* - Illuppai
33. *Manilkara hexandra*–UlakkaiPaalai
34. *Mimusops elengi* - Magizhamaram
35. *Mitragyna parvifolia* - Kadambu
36. *Morinda pubescens*–Nuna
37. *Morinda citrifolia*– VellaiNuna
38. *Phoenix sylvestre*-Eachai
39. *Pongamia pinnata*–Pungam
40. *Premna mollissima*– Munnai
41. *Premna serratifolia*– Narumunnai
42. *Premna tomentosa*-PurangaiNaari, PudangaNaari
43. *Prosopis cinerea* - Vannimaram
44. *Pterocarpus marsupium* - Vengai
45. *Pterospermum canescens*–Vennangu, Tada
46. *Pterospermum xylocarpum* - Polavu
47. *Puthranjivax burghii*–Puthranjivi
48. *Salvadora persica*– Ugaamaram
49. *Sapindus marginatus*- Manipungan, Soapukai
50. *Saraca asoca* - Asoca
51. *Strobiliasper*- Pirayamaram
52. *Strychnos nuxvomica*–Yetti
53. *Strychnos potatorum* - Therthang Kottai
54. *Syzygium cumini* - Naval
55. *Terminalia bellerica*- Thandri
56. *Terminalia arjuna*- Venmarudhu
57. *Toona ciliata* – Sandhanavembu
58. *Thespesia populnea*- Puvarasu
59. *Walsura trifoliata*–valsura
60. *Wrightia tinctoria*- Veppalai
61. *Pithecellobium dulce* – Kodukkapuli


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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.


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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; PM₁₀, PM_{2.5}, SO₂, 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.


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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 rain water harvesting pits 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


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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. The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.
9. 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.


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- 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. Storm water drains, and
 - ix. Rain water harvesting system, etc. and it shall be made available to the owners
10. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
11. The present land use surrounding the project site shall not be disturbed at any point of time.
12. The green belt area shall be planted with indigenous native trees.
13. 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.
14. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
15. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
16. There should be Firefighting plan and all required safety plan.

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.


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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 devices / 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.


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- 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


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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.


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- 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.


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- 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 rain water harvesting pits to recover and reuse the rain water during normal rains as reported.
- iv) The project activity should not cause any disturbance & deterioration of the local bio diversity.


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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 atleast 10% 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.


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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.


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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.


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Copy to:

1. The Additional Chief Secretary to Government, Environment, Climate Change and Forests Department, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Chairman, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
5. The Commissioner, Krishnagiri Municipality, Krishnagiri District.
6. Stock File.

Signature Not Verified

Digitally signed by: Thiru.Deepak S.Bilgi
Designation: Member Secretary
Date and Time: 17/01/2024 5:09:38 PM
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सत्यमेव जयते

File No.: 9738
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), TAMIL NADU)



Dated 29/05/2024



To,

SRIRAM KADIYALA
SUBRAMANIAN SRINIVASAN

SF. No. 308-327, Thimjipalli Village, Kelamangalam-Rayakottai Road, Hosur, Krishnagiri District,
TamilNadu, Hosur, KRISHNAGIRI, TAMIL NADU, 635113
vinaykumar.ravi@tataelectronics.co.in

Subject: Amendment in Environmental Clearance (EC) dated 30/04/2024 granted to the project under the provision of the EIA Notification 2006 and as amended thereof-regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/TN/INFRA2/467617/2024 dated 30/04/2024 for grant of an amendment in prior Environmental Clearance (EC) to the project at SF. Nos: 312/1E, 312/2A, 324/1A, 324/2D, 324/2B, 324/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1d, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 313/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/A, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1B, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A, 309/1B, 309/2B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/31, 316/3B, 316/3C, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 314/1B1, 13/4A1(P), 13/5A1, 13/5A2(P), 14/1A, 14/1B, 14/1C(P), 14/2A, 14/2B, 14/2C, 14/2D, 14/3A, 14/3B, 14/3C(P), 14/3D(P), 15/1A(P), 16/7A(P), 16/7B(P), 16/8(P), 17/2, 17/3A(P), 17/3B, 18/1, 18/2B, 20, 324/1B, 326/2, 327/1A, 327/1B, 327/1D, 328/2, 332/4, 21/1A, 21/1B, 21/1C, 21/1D, 21/1E, 21/1F, 21/1G1, 21/2A, 327/3, 332/2, 328/3, 328/1, 328/4, 15/6B, 13/1B, 15/5, 15/6A1, 311/2, 313/2, 314/2, 315/2, 319/2, 320/2, 321/2, 326/3, 327/2, 328/5, 332/1, 332/5 of Thimjipalli Village, 143/2A, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2B, 143/3, 144/1, 147/1B, 147/1A, 148/3, 134/1A, 134/1B, 134/2, 135/1, 135/2, 136/1C, 136/3B, 136/3C, 136/3D, 136/4A, 136/4B, 136/4C, 141/1B, 141/1C, 141/1D, 141/4A, 141/4B, 141/5A, 141/5B, 142/1A, 142/1B, 142/1C, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, 161/1A, 161/1B, 161/1C, 161/3, 161/4A, 161/4B, 161/5A(P), 161/5B, 161/6A, 161/6B, 161/7, 161/8, 162/1, 162/2, 170/1A, 170/1B, 171/2A1, 171/2A2, 171/2A3, 171/2A4, 171/2A5, 172/1A, 172/1B, 171/1A, 172/1C, 172/1E, 172/3, 172/5A, 173/1, 173/3, 174/1A(P), 174/1B, 174/1C, 174/1D, 174/1E, 174/1F, 174/1G, 174/2(P), 174/3, 175/1, 180/2A, 180/2B, 180/3, 181/2A, 181/2B,

183/1, 183/2, 183/3, 183/4, 100/1B, 100/1C, 100/2A1B, 100/2A2A, 98/3, 98/4, 99/2, 112/2A, 112/2B, 112/3A, 112/3B, 113/1, 113/2, 113/3, 113/4, 114/2, 114/3A, 114/3B, 137/2A, 137/2B, 137/3, 137/4A, 137/4B, 138/1, 138/2, 138/4A, 138/4B, 138/5, 138/6, 139/2, 139/3, 139/5, 139/6, 139/9, 140/2, 140/4, 144/3, 144/4, 146/2A, 146/2B, 146/3, 146/4, 150/6A, 150/6B, 151/1, 152/1, 152/2, 152/4, 155/1, 155/2, 155/3, 156/1, 156/2, 157/1, 157/2, 157/3A, 157/3B, 157/3C, 157/3D, 157/3E, 158/2B2, 138/1, 137/7, 140/3, 180/4, 137/5, 139/10, 137/6, 140/7, 139/7, 172/1D, 172/2(P), 172/4A2(P), 172/4A1, 172/5B, 172/4A3, 172/6, 172/2(P), 172/4A2(P), 172/4B, 136/2, 141/2, 146/1, 144/2, 147/2, 148/2, 150/2, 137/1, 138/3, 140/1, 149/1, 151/2, 151/3, 152/3, 172/7, 174/4, 174/5, 175/2, 180/5, 181/1, 139/1, 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3 of Udedurgam Village, 1241/1B, 1241/1C, 1241/2B1, 1241/2B2, 1242/2B(P), 1242/3A2(P), 1238/1B2, 1238/1D, 1238/3A, 1238/3B, 1238/3C, 242/3A2(P), 124/3B2, 1246/6B, 1248/2 of Ayyaranpalli Village. Denkanikottai Taluk, Krishnagiri District, Tamil Nadu under the provision of the EIA Notification 2006-and as amended thereof.

Ref:

1. Earlier EC issued by SEIAA-TN vide Letter No. SEIAA-TN/F.No.9738/2023/8(b)/EC.No. 999/2023 dated: 06.12.2023
2. Online proposal No. SIA/TN/INFRA2/467617/2024, Dated: 01.04.2024 for amendment
3. Proponent application for EC Amendment dated: 15.04.2024

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B3813TN5308758A
(ii) File No.	9738
(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	Proposed Expansion of Tata Electronics Private Limited - Manufacturing & Assembly of metal case for mobile phones - 3 Lakh No's/Day with total built-up area of 5,57,470 Sq. m
(viii) Location of Project (District, State)	KRISHNAGIRI, TAMIL NADU
(ix) Issuing Authority	SEIAA
(x) EC Date	29/05/2024
(xi) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C) were submitted to the SEIAA for an appraisal by the State Environment Impact Assessment Authority (SEIAA) Appraisal Committee SEAC under the provision of EIA notification 2006 and its subsequent amendments.
3. The above-mentioned proposal has been considered by State Environment Impact Assessment Authority (SEIAA) Appraisal Committee (SEIAA) in the meeting held on 22/05/2024. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above.
4. The SEAC, based on information submitted viz: Form 1 (Part A, B and C) report etc., & clarifications provided by the project proponent and after detailed deliberations on all technical aspects thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as

amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.

5. The SEIAA, in its meeting held on [meeting held on], based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of amendment in Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof.

6. The SEIAA has examined the proposal in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee hereby accords amendment in Environment Clearance dated 30/04/2024 for the instant proposal to M/s. SRIRAM KADIYALA under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of EC conditions, general instructions issued vide EC letter dated and EC identification number SIA/TN/INFRA2/467617/2024 and following additional specific conditions as mentioned below:

The authority noted that the subject was appraised in the 463th SEAC Meeting held on 02.05.2024. Based on the presentation, SEAC decided to recommend the amendments in modification of the earlier recommendations made in its 422nd SEAC meeting held on 09.11.2023. SEAC has recommended for the grant of amendment of Environmental in EC issued Vide letter No. SEIAA-TN/F.No.9738/2023/8(b)/EC.No:999/2023 dated:06.12.2023. remains unaltered.

S. No	Description	Area in (Sq.m)	Area in (Acres)	Amendment sought for
1	Ground Coverage Area	4,17,555	103.180	No Changes in the existing constructed built-up area.
2	Road Area	2,33,343	57.660	
3	Paved Area	62,230	15.377	
4	Parking Area	34,642	8.560	
5	OSR	2,25,111	55.626	
6	Greenbelt	3,82,675	94.56	
7	Land for Future Develop	4,24,223	104.83	
8	Vacant land	471328	116.47	
Total Land Area		22,51,106	556.26	

S. No	Name of the Building	Ground Floor	Mezzanine Floor	First Floor	Mezzanine Floor	Second Floor	Total area (Sq.m)
1	BMB 3	47845	7924	2596	-	-	58365
2	BMB 3-UTILITY 1 (UB 3)	1645	-	1645	-	1505	4795
3	BMB 3-UTILITY 2 (UB4)	935	-	935	-	-	1870
4	BMB3-DG & TRANSFORMER YARD (UB3)	2035	-	-	-	-	2035
5	BMB3-DG & TRANSFORMER YARD (UB4)	845	-	-	-	-	845
6	ETP FOR BMB3	527	-	-	-	-	527
7	BMB 5	39545	9830	25370	9830	-	84575
8	BMB 5- UTILITY	2000	-	2000	-	2000	6000
9	BMB 5-DG & TRANSFORMER YARDS	1658	-	-	-	-	1658
10	BMB 7	39545	9830	25370	9830	-	84575
11	BMB 7- UTILITY	2000	-	2000	-	2000	6000
12	BMB 7-DG &	1658	-	-	-	-	1658

TRANSFORMER YARDS							
13	ANODIZING	23415	-	23415	-	-	46830
14	ANODIZING-DM PLANT	4000	-	-	-	-	4000
15	ANODIZING - UTILITY	2000	-	2000	-	2000	6000
16	ANODIZING DG & TRANSFORMER YARDS	1658	-	-	-	-	1658
17	ETP FOR BMB 5-7 & ANODIZING	3000	-	-	-	-	3000
18	FIRE PUMP ROOM FOR BMB5-7 & ANODIZING	1650	-	-	-	-	1650
Total Area of Proposed buildings and yard area in Sqm		177508	27584	85331	19660	7505	317588

Amendment in Built-up Area Breakup Details (Proposed Development Building)

Amendment in Built-up Area Breakup (Future Development Building)

S. No	Name of the Building	Ground Floor	Mezzanine Floor	First Floor	Mezzanine Floor	Second Floor	Total area (Sq.m)
1	BMB 9	30800	2430	-	-	-	33230
2	BMB 9-UTILITY	1800	-	-	-	-	1800
3	BMB 9-DG & TRANSFORMER YARDS	1434	-	-	-	-	1434
4	BMB11	-	-	-	-	-	-
5	BMB 11-UTILITY	-	-	-	-	-	-
6	BMB 11-DG & TRANSFORMER YARDS	-	-	-	-	-	-
7	ANODIZING	-	-	-	-	-	-
8	ANODIZING-DM PLANT	-	-	-	-	-	-
9	ANODIZING-UTILITY	-	-	-	-	-	-
10	ANODIZING DG & TRANSFORMER YARDS	-	-	-	-	-	-
11	ETP FOR BMB 9-11 & ANODIZING	-	-	-	-	-	-
12	STP FOR BMB 9-11 & ANODIZING	-	-	-	-	-	-
13	FIRE PUMP ROOM FOR BMB 9-11 & ANODIZING	-	-	-	-	-	-
14	230 KV SUBSTATION	7200	-	-	-	-	7200
15	FUTURE-BUILDING 04	12350	-	12350	-	12350	37050
16	FUTURE-BUILDING-04-UTILITY	1800	-	1800	-	1800	5400
17	FUTURE-DG & TRANSFORMER	1434	-	-	-	-	1434

YARDS

18	FUTURE-BUILDING-05 TRAINING CENTER	3100	3100	3100	-	-	9300
	Total Area of Future buildings and yard area, in Sqm	59918	5530	17250	-	14150	96848
	Total Area of Existing, Proposed, future buildings and yard area in Sqm	347929	54428	112822	19660	22632	5,57,470

After detailed discussion ,The Authority accepts the recommendation of SEAC in its 463th meeting held on 02.05.2024 and decided to grant of amendment of Environmental Clearance as recommended by SEAC in the EC issued Vide letter No. SEIAA-TN/F.No.9738/2023/8(b)/EC.No:999/2023 dated:06.12.2023. and the same shall be amended and substituted, subject to all the other conditions stipulated vide EC issued Vide letter No. SEIAA-TN/F.No.9738/2023/8(b)/EC.No:999/2023 dated: 06.12.2023, remains unaltered.

7. This issues with the approval of the Competent Authority.

Copy To

1. The Additional Chief Secretary to Government, Environment, Climate Change and Forests Department, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Chairperson, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The Director, Integrated Regional Office, MoEF&CC, GoI, 1st floor, Additional Office Block for GPOA, No.26 Shastri Bhawan, Haddows Road, Nungambakkam, Chennai – 600006.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
6. Stock File

Annexure 1

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

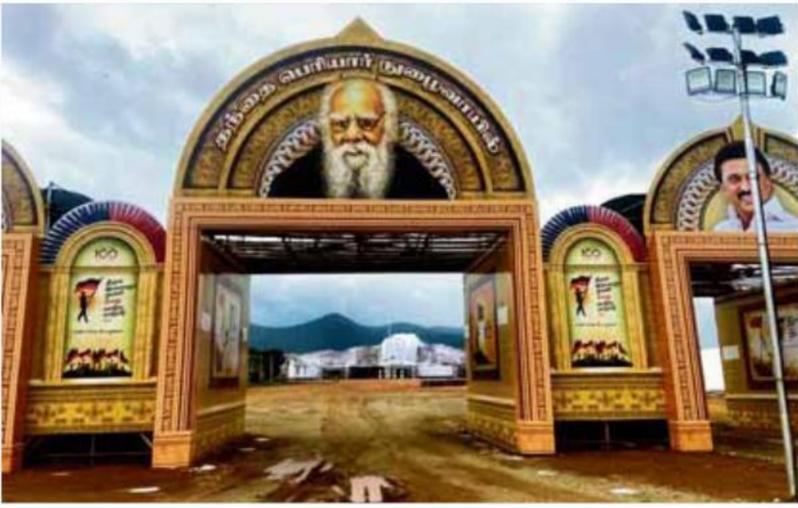
1. Seiaa Specific Condition

S. No	EC Conditions
1.1	subject to all the other conditions stipulated vide EC issued Vide letter No. SEIAA-TN/F.No.9738/2023/8(b)/EC.No:999/2023 dated:06.12.2023. remains unaltered.

Signature Not Verified

Digitally Signed by : A R Rahul Nadh IAS
Member Secretary, SEIAA

Date: 29/05/2024



ALL DECKED UP

Preparations are on for the DMK Youth Wing Conference scheduled to be held, near Attur, in Salem city on January 21. Tamil Nadu Chief Minister MK Stalin is arriving in the city on January 20 to attend the meet | EXPRESS

Woman dies as lift cable snaps in Kovai workshop

Co-worker injured; police book workshop owner for negligence

EXPRESS NEWS SERVICE
@ Coimbatore

A woman died and her co-worker suffered severe injuries after a lift crashed in a private engineering workshop in Coimbatore city on Friday night. The deceased woman V Latha (45) was the wife of Varna Sivaprakash Karthi of MGR Nagar. The injured woman, K Kushbu (34), is also from the same locality. They were helpers at the workshop at MGR Nagar Extension on Madukkarai road, near Sundarapuram. The accident happened around 7.30 pm when Latha and Kush-

bu were taking iron materials to the ground floor from the first floor in a lift. The lift crashed on the ground floor as the cables snapped. Lathe machine operator U Parthiban, who was working on the ground floor, found Latha in an unconscious state with injuries. Kushbu sustained fractures on both her legs and injuries on her hands.

The cables were found damaged two weeks ago. I had informed workshop owner Kathirvel about it.

U Parthiban, Lathe machine operator

Both of them were rushed to a hospital at Sundarapuram where Latha was declared dead. Kushbu was shifted to an orthopedic hospital in Coimbatore city and her condition was said to be stable, said police.

Parthiban told Sundarapuram police that the cables were found damaged two weeks ago. He had informed workshop owner Kathirvel about it. Kathirvel told him that it would be repaired very soon, but he failed to fix it, thus leading to the mishap. Sundarapuram police have registered a case against Kathirvel for his negligence.

Woman found dead; murder suspected

DHARMAPURI: A 45-year-old woman was found dead at her residence at Indiranagar Colony in Pennagaram in the early hours of Saturday. According to sources, G Sumathi (45) was a field worker with the health department and lived alone at a private residence.

On Saturday, neighbours who noticed that Sumathi had not come out of home for a long while went to enquire. As soon as they opened the door, they found Sumathi lying dead. The neighbours immediately notified the Pennagaram police who arrived on the spot and began an investigation. Police noticed injuries on the back of Sumathi's head and cuts across her body. Police suspect foul play in her death. **ENS**

Science fair ideas for dist contest selected

EXPRESS NEWS SERVICE
@ Coimbatore

SCIENCE exhibition ideas for the district-level competition of the INSPIRE programme of the Department of Science & Technology have been selected. The selected ones are of 122 students from the districts of Coimbatore, Nilgiris, Tiruppur, Erode, and Salem.

The selected students from government-aided and matriculation schools have been asked to submit their projects to the regional science centre during the district-level exhibitions for selection of State-level projects. The Union Ministry of Science and Technology has paid them Rs 10,000 to fund the projects. "More than 2,000 ex-

hibit ideas were sent from five districts. Ideas on rain detectors, women's safety devices, water alarms, etc have been selected," an official from the district school education department told TNIE.

"INSPIRE-MANAK district-level exhibition and project competition is scheduled at Regional Science Center, Codissia Road, on January 29. In all 122 students will take part in it," he said. INSPIRE denotes Innovation in Science Pursuit for Inspired Research. The programme aims to attract talent to Science to pursue a career in research. The science exhibition is conducted by the Ministry of Science and Technology every year for Class VI to X students across the nation.

Annamalai not mature enough to speak against DMK: K'giri leader

EXPRESS NEWS SERVICE
@ Krishnagiri

BJP state president K Annamalai lacks maturity to speak about politics and he cannot comment about the Dravida Munnetra Kazhagam, said party's former Krishnagiri east district secretary T Senguttuvan here on Saturday.

"Annamalai cannot criticise DMK with vile comments. It was because of Dravidian parties and the contribution of the DMK that people from various castes have gone up on the economic ladder and attained various positions in government sectors," Senguttuvan said.

Also, the apex court recently slammed the Gujarat government in the Bilkis Bano rape

'CADRES WHO JOINED AIADMK BACK IN DMK'

A few DMK cadres who had left the party last week and joined the AIADMK rejoined the party on Saturday. They include eight Bargur union ward members, three panchayat presidents and some followers. Krishnagiri east district DMK secretary and Bargur MLA D Mathiazhagan said, "Last week a few party cadres left the party and joined the AIADMK, but there they were unable to lose their self-respect and rejoined the party on Saturday. A few more union ward members will join the party within a few days," he said after attending a party programme at Krishnagiri.

case and last month corruption charges were alleged by BJP MLA on former Karnataka chief minister B S Yediyurappa. Hence, Annamalai better watch his party rather than criticising others, he added.

"Tamil Nadu has progressed in various sectors like higher education, industry, employ-

ment opportunities, economy and others during the DMK regime.

Can Annamalai cite these developments in Uttar Pradesh or any other BJP-ruled states?" Senguttuvan asked, while also adding that the BJP government failed to reduce the prices of essential commodities.

POLICE RULE OUT FOUL PLAY

Woman, son take own lives over money crunch

EXPRESS NEWS SERVICE
@ Coimbatore

A woman and her physically challenged son allegedly died by suicide near Thottampatti village in Tiruppur district. The dead have been identified as K Selvi (40) and her son K Yogaraj (19).

The mother-son duo died by suicide over financial trouble, stated Morappur police.

"Morappur police were notified of two corpses near Thottampatti village late on Friday. We arrived on the spot and found a woman dead by hang-

ing and a youth had drowned in the Thenpennai river," said police sources.

In the preliminary investigation, police found that Selvi's husband had died two years ago due to illness and the elder son Sivagiri had died a few months back.

Moreover, Yogaraj was handicapped and unable to work. This led to immense financial burden and on Friday, the mother and son committed suicide, police said.

Assistance to those having suicidal thoughts is available on health helplines 104 and 044-24640050.

PNB HOUSING Finance Limited
E-AUCTION SALE NOTICE OF IMMOVABLE PROPERTY (IES)
E-Auction/Sale Notice for Sale of Immovable Assets Under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to Rule 8(i) of the Security Interest (Enforcement) Rules, 2002

Registered Office: - 9th Floor, Anirban Bhawan, 22 Kasturba Gandhi Marg, New Delhi-110001. Phone: 011-23537172, 23105414. Web: www.pnbhousing.com
Vijayanagar Branch: PNB Housing Finance Ltd 1125/12, Ground Floor, Hamp Nagar, Vijayanagar, Bangalore-560104

Notice is hereby given to the public in general and in particular to the borrower(s) & guarantor(s) in which the below described immovable property (ies) described in Column no-D mortgaged/charged to the Secured Creditor, the constructive/Physical Possession of which has been taken (as described in Column no-C) by the authorized Officer of M/s PNB Housing Finance Limited/Secured Creditor, will be sold on "AS IS WHERE IS, AS IS WHAT IS AND WHATEVER THERE IS BASIS" as per the details mentioned below. Notice is hereby given to borrower(s)/mortgagor(s)/Legal Heirs, Legal Representative, (whether Known or Unknown), executor(s), administrator(s), assignee(s), assignee(s) of the respective borrower's mortgage(s) (since deceased) as the case may be indicated in Column no-A under Rule-8(i) & 9 of the Security Interest Enforcement Rules, 2002 amended as on date.

For detailed terms and conditions of the sale, please refer to the link provided in M/s PNB Housing Finance Limited/Secured Creditor's website: i.e. www.pnbhousing.com

Loan No. Name of the Borrower/Co-Borrower/Guarantor(s)/Legal Heirs (A)	Demand Amount & Date (B)	Nature of Possession (C)	Description of the Properties Mortgaged (D)	Reserve Price (RP) (E)	EMD (10% of RP) (F)	Last Date of Submission of Bid (G)	Bid Increment Rate (H)	Inspection Date & Time (I)	Date of Auction & Time (J)	Know Inspection/Part Cash Fee (K)
HOUBAN/0418/5196 14 B.O.: Jayaganan, K Chandran, Jayalakshmi C, Renuka Enterprises	Rs. 3774296.70 as on 08-04-2021	Physical Possession	In Begopal Village of Hosur Taluk and attached to the Hosur Sub-Registration District, Krishnagiri Registration District and also attached to Village Panchayath Limit of Begopal & Union Council of Hosur 1 Sy No.30/2 Dry Ext.Hec 0.65.5 in Ac 1.60 cents full extent, 2 Sy No.30/10 Dry Ext.Hec 0.36.5 Ac 0.90 cents full extent, Acst No. 1.08 in, in this Ac 0.75 Cents all together making total extent of Ac. 2.35 Cents of the land has been divided into house sites in which plot no. 56 comprised in Sy. No.30/2 situated with the following boundaries: East: 25 Feet Common Road, West: Plot No.49, North: Plot No.55, South: Plot No.57 total measuring an extent of 1200 Square feet Land.	Rs. 4802000 Rupees Forty Eight Lakh Two Thousand only	Rs. 480200 Rupees Forty Eight Thousand only	29-01-2024 10.00 AM to 5.30 PM	10,000/- 10.00 AM to 5.30 PM	19-01-2024 10.00 AM to 5.30 PM	30-01-2024 01 PM to 2	Nil / Not Known

*Together with the further interest @18% p.a. as applicable, incidental expenses, cost, charges etc. incurred up to the date of payment and/or realization thereof. ** To the best knowledge and information of the authorized Officer of PNB Housing Finance Limited, there are no other encumbrances/claims in respect of above mentioned immovable/secured assets except what is disclosed in the column no-K. Further such encumbrances to be catered/paid by the successful purchaser/bidder at his/her end. The prospective purchaser(s)/bidders are requested to independently ascertain the veracity of the mentioned encumbrances.

- As on date, there is no order restraining and/or court injunction PNBHFL/authorized Officer of PNBHFL from selling, alienating and/or disposing of the above immovable properties/secured assets.
- The prospective purchaser/bidder and interested parties may independently take the inspection of the pleading in the proceedings/orders passed etc. if any, stated in column no-K. Including but not limited to the title of the documents of the title pertaining thereto available with the PNBHFL and satisfy themselves in all respects prior to submitting tender/bid application form or making Offer(s). The bidder(s) has to sign the terms and conditions of this auction along with the Bid Form.
- Please note that in terms of Rule 9(i) of the Security Interest (Enforcement) Rules, 2002, the bidder(s)/purchaser is legally bound to deposit 25% of the amount of sale price, (inclusive of earnest money, if any, deposited) on the same day or not later than next working day. The sale may be confirmed in favour of bidder(s) only after receipt of 25% of the sale price by the secured creditor in accordance with Rule 9(i) of the Security Interest (Enforcement) Rules, 2002. The remaining 75% of the sale consideration amount has to be deposited by the purchaser within 15 days from the date of acknowledgment of sale confirmation letter and in default of such deposit, the property/secured asset shall be re-auctioned.
- C1 INDIA PRIVATE LIMITED would be assisting the Authorized Officer in conducting sale through an e-Auction having its corporate office at Plot No.68, 3rd Floor, Sector 44, Gurgaon, Haryana 122003 Website- www.bankiauctions.com. For any assistance related to inspection of the property or obtaining the Bid Documents and for any other query or for registration, you have to co-ordinate with Rekha Malviya/Vijay Sundaroyal Contact Number 9845335084/7428193765, is authorized person of PNBHFL or refer to www.pnbhousing.com

Place : Hosur, Dated : 14-01-2024
Authorized Officer, M/s PNB Housing Finance Limited

PUBLIC ANNOUNCEMENT

This is to inform the public that State Environment Impact Assessment Authority ("SEIAA"), Tamil Nadu has issued Environmental Clearance to M/s. Tata Electronics Private Limited, vide EC Identification No.EC24B039TN194136 (File No. 9738) dated 6/1/2024 for the proposed expansion of Tata Electronics Private Limited - Manufacturing & Assembly of Metal case for mobile phones - 3 lakh no./day with total built up area of 5,57,470 Sq.mtr at S.F.No: 308-327 of Thimjepalli, Udedurgam & Ayyarpanalli Villages, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu.

A copy of Environmental Clearance letter issued by SEIAA Tamil Nadu is available (a) with the State Pollution Control Board, Tamil Nadu, (b) on the website of SEIAA, Tamil Nadu, and (c) at Tata Electronics private limited factory.

M/s. Tata Electronics Private Limited,
S.F.No. 308-327, Thimjepalli Village,
Kelamangalam-Rayakottai Road, Hosur, Krishnagiri District,
Tamil Nadu, India-635113

QuoteExpress
NEVER COMPLAIN AND NEVER EXPLAIN
BENJAMIN DISRAELI

ORIGINAL LAND/PROPERTY DOCUMENT LOST

I, K.GOVINDAN (Aadhaar No.5891 1382 7917), S/o.Late. Kandappa Gounder, aged about 77 years, residing at No.2/46-B, Bypass Road, Near Raghavendra Water Service Station, Karimangalam Taluk, Dharmapuri District, do hereby inform to the General Public that: I have lost the Original document pertaining to my property registered in document No.257 dated 17.06.1985 registered at Karimangalam Sub Registrar Office in Dharmapuri District. If anyone finds the said original document, please contact me over Phone No. 94436 14084 or at the following residential address.

K.GOVINDAN, S/o.Late. Kandappa Gounder, Door No. 2/46-B, Bypass Road, Near Raghavendra Water Service Station, Karimangalam Tk, Dharmapuri Di.

SAMEER - Center for Electromagnetics
CIT campus, Taramani, Chennai 600113
(Ministry of Electronics & Information Technology, Govt. of India)
www.sameer.gov.in/chennai

ADMISSION FOR WBL-LEVEL-01 PROGRAMME
Advt.No.: S-CEM/ESTT/WBL-01/2023

Society for Applied Microwave Electronics Engineering & Research (SAMEER) is a Research & Development Institute under the Administrative control of Ministry of Electronics & Information Technology, Government of India.

SAMEER is implementing MeitY sponsored "Work Based Learning (WBL) Programme" to strengthen and empower fresh B.E or B.Tech (ECE/E&T) candidates belonging only to SC/ST/Women/EWS categories.

Admissions are now open for Work Based Learning Programme Level-01 (WBL-01)

The contents of the full advertisement with eligibility criteria, stipend, application format, etc are available from <https://internship.aicte-india.org/ernet.php> or www.sameer.gov.in/chennai/recruitments
CBC 06119/12/0005/2324

PUBLIC NOTICE

This public notice is caused on behalf of my client (name not disclosed):-

That the properties viz., 2.51 acres in S.F.No.472/2A1, and 0.06 acre in S.F.No.472/2A2, 4.51 acres in S.F.No.471/1 and 1.30 1/2 acres in S.F.No.472/1 in Chettipalayam Village, Coimbatore originally belong to Mr.V.Vishnu Reddy S/o.Late.V.Raghunath Reddy, residing at No.92, Poes Garden, Chennai - 600 086 and M/s. Sindya Infra Structure Development Company Private Limited, Pottipatti Plaza, 2nd Floor, No.77, Nungampakam High Road, Chennai, as per Sale Deeds dated 19.04.2006 and 29.10.2021, registered as Doc.Nos.1058/2006, 1059/2006, 1060/2006 and 8829/2021 at SRO, Kinathukadavu, respectively. Subsequently, the said co-owner sold its 55% share in aforesaid properties to Mr.V.Vishnu Reddy under Sale Deed dated 21.03.2012, registered as Doc.No.2701/2012 at SRO, Kinathukadavu for consideration. Thereafter, the said Mr.Vishnu Reddy entered into a partition with Mr.Sudhir S/o.Late J.S.Kamath pertaining to the aforesaid extent of 1.30 1/2 acres under Partition Deed dated 29.10.2021, registered as Doc.No.8828/2021 at SRO, Kinathukadavu whereby he was allotted with 1.90 acres in S.F.No.472/1B and thereby at present, Mr.V.Vishnu Reddy is owning entire 8.98 acres in total as described below. Whereas, now my client is willing to purchase the said properties from aforesaid vendor free of all encumbrances. As such, please take notice that any person having objections if any of whatsoever nature, can inform us within 10 days from this date, failing which objections if any raised thereafter, shall not bind my client.

SCHEDULE OF PROPERTY

In Coimbatore Registration District, Kinathukadavu Sub-Registration District, Kinathukadavu Taluk, Chettipalayam Village;

ITEM I: In S.F.No.472 an extent of 8.03 acres, in which an extent of 2.51 acres in which **NORTH BY** - Malumichampatti and Chettipalayam Road, **SOUTH BY** - S.F.No.471 and 0.21 acre in S.F.No.472/2A1 pt belonging to Vishnu Reddy and Sudhir. **EAST BY** - Land belonging to S.Sudhir in S.F.No.472/2A3 and Vishnu Reddy in S.F.No.472/2A1 part measuring an extent of 0.21 acre **WEST BY** - Land in S.F.No.472/1B (Item III herein)

In middle of this an extent of 2.51 acres (Presently sub-divided as S.F.No.472/2A1) and in S.F.No.472/2A2 an extent of 0.06 acre of Well, its Vaani and all other rights appended to it.

ITEM II: In S.F.No.471 an extent of 9.02 acres, in which an extent of 4.51 acres (Presently Sub-divided as S.F.No.471/1) along with the common passage and all other rights appended to it.

ITEM III: In S.F.No.472/1 an extent of 2.61 acres, in which an extent of 1.90 acres is within the following boundaries;

NORTH BY - Malumichampatti and Chettipalayam Road, **SOUTH BY** - S.F.No.471 **EAST BY** - Land in S.F.No.472/2A1 (Item I herein), **WEST BY** - 0.71 acre in S.F.No.472/1A belonging to Sudhir

In middle of this an extent of 1.90 acres (Presently Sub-divided as S.F.No.472/1B) along with the common passage and all other rights appended to it.

**S.Chandrasekaran, M.A.,B.L.,DLL.,
C.Jaiy Chandhar, B.A., LLB., (Hons)
Advocates,
85/12, Cherran Tower Apartments, Govt. Arts College Road,
Coimbatore - 641 018. Ph : 93631 20899, 77088 18900, 0422-2200337.**

Date : 12.01.2024

UJVN LIMITED
H.O.: "UJJWAL", Maharani Bagh, G.M.S. Road, Dehradun-248006
Telephone Nos: 0135-2763888, Fax: 0135-2763508
CIN No. U40101UR2001SGC025866, Website: www.ujvn.com

Letter No.63
e-Tender Notice Date: 12/01/2024
Office of the Executive Engineer (E&M), Vyasi Dam, Juddo Dakpathar, UJVN Ltd. invites online bid from interested party's Brief summary of tender is given below.

NIT No: 13/EE(E&M)/Vyasi Dam/2023-24
Name of work: Design, Drawing, Supply, Installation, Testing & Commissioning of Log Boom Barrier at Vyasi Dam Site at Juddo, Dehradun

Estimated cost: Rs. 3,18,80,000.00 (GST Extra)
Date of Availability of bid document on website: 19.01.2024 from 16:00 hrs
Last date for submission of bids on website: 09.02.2024 upto 16:00 hrs
For further & further details kindly visit e-procurement portal <http://uktenders.gov.in>
Executive Engineer (E&M).

"AVOID WASTEFUL USE OF ELECTRICITY"

Debts Recovery Tribunal - II
6th Floor, Additional Office Building,
Shastri Bhawan, Haddos Road,
Nungambakkam, Chennai - 600 006

DRC No.128/2022
In O.A. No.975/2019
In the matter of
Punjab National Bank, Hosur
Vs
M/s. Sree Sai Enterprises and 2 others
&
DRC No.18/2023
In O.A. No.963/2019
In the matter of
Punjab National Bank, Hosur
Vs
M/s. Rapidus Software Solutions and 2 others
CORRIGENDUM

WHEREAS, in terms of Sale Notice dated 13.12.2023 in above DRCs by the Undersigned, a Corrigendum has been issued, as follows

For	Read
The date of sale scheduled on 19.01.2024 and last of bid scheduled on 17.01.2024	The date of sale scheduled on 24.01.2024 and last of bid scheduled on 22.01.2024

All other terms and conditions contained in the Sale Notice dated 13.12.2023 remains unaltered.
Given under my hand and seal of this Tribunal at Chennai on this the 12th day of January, 2024.
(S. SOFIN ROSE)
RECOVERY OFFICER
Date : 12.01.2024

CHANGE OF NAME AND DATE OF BIRTH

I, Smt S.PUNITHAMARY wife of No.1374319N Ex-HONY NUB SUB I SELVARAJ of MEG residing at 274B-Kandhikuppam - Vill & Post, Bargur - Teh, Krishnagiri - Dist, Tamil Nadu 635 108 have changed my name S PUNITHAMARY & date of birth 11-09-1970 (Existing Name & Date of birth) as per my husband's Army Service Records to S PUNITHA MARY JACULINE & date of birth 15-04-1970 (Proposed Name & Date of birth) vide Affidavit dt 11-01-2024 before Notary Mr M Baskaran, BA LLB at Krishnagiri.

Smt S.PUNITHA MARY JACULINE

KERALA STATE DRUGS & PHARMACEUTICALS LTD.
(A Government of Kerala Undertaking)
Kalamassery - P.O., Alappuzha - Kerala-688572. Tel: 0471 2258184
Website: www.kspdl.co.in e-mail: kspdl@kspdl.com

E - Tender Notice

E-Tenders are invited from competent Suppliers/Manufacturers for the Supply of API's, Excipients, Pet bottles, Vials, for the year 2023-24.

Last dates of Bid Submissions are 18th to 23rd January, 2024.
Please Refer Sites <http://tenders.kerala.gov.in/www.kspdl.co.in> for detailed specification, terms and conditions. Any further amendment or corrigendum will be published only in the sites. Participants are advised to refer sites for necessary information on a regular basis.
Sd/- Managing Director

SOUTHERN RAILWAY

TENDER NOTICE NO. DCE-CN-CLT-01-2024 DATED: 12/01/2024

Name of the work: Doubling of track between MAJN-PNMB - Proposed housekeeping, hospitality services and Directional works in the Deputy Chief Engineer's office at Mangaluru, officers rest house / construction / Mangaluru and its premises for a period of 2 Years.

Tender Value: ₹. 11.97 lakhs
Completion Period: 24 months
Date of Opening: 05/02/2024 @ 12:30 hrs
Complete details & tender document will be available at <https://www.irps.gov.in/>
Deputy Chief Engineer/ Construction, Kozhikode.
Follow us on: twitter.com/GMSRailway

5 Shirdi, Pandaripuram, Mantralayam
Feb. 11, Mar. 10, Apr. 7, 21, May 5, 12, 19, 26

9 Kasi, Gaya, Agra, Delhi AC Bus
Feb. 12, Mar 11, Apr. 15, 29, May 6, 13, 20, 27, June 17

13 Kasi, Haridwar, Ayothi, Delhi - Feb. 20, Apr. 2, Jun 4

16 Nepal Muktinath Mar. 6, Apr. 10, 24 May 8, 22, Jun 5

5 Ahoilam, Srisailam - Jan. 31, Mar. 25, Apr. 22, May 13

16 Badrinath, Kedarnath, Gangotri, Yamunotri May, June

18 NORTH EAST March 25

14 Kashmir, Amritsar A/C Bus May 1, 14, 27

14 Shimla Kulumanali A/C Bus May 3, 13, 26

11 Gangtok Darjeeling **9 Srilanka**

13 Rajasthan **8 Kerala** **15 Panchadwarka**

5 Hyderabad **4 Dubai** **6 Andaman**

6 Singapore, Malaysia **4 Thailand**

SRINIVASA TOUR 8428800030



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2101236954157 DATED: 04/05/2021.

PROCEEDINGS NO.T4/TNPCB/F.2944HSR/RL/HSR/A/2021 DATED: 04/05/2021

SUB: TNPC Board-Consent for Establishment-M/s. TATA ELECTRONICS PRIVATE LIMITED , S.F. No. 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2A, 143/2B, 143/ 3, 144/1, 147/1B, 147/1A, 148/3 of Udedurgam Village and 312/1E, 312/2A, 324/1A, 324/2D, 312/2B, 312/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1D, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 322/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/4, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3D, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A1, 309/1B1, 309/2B2, 314/1B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A2, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/3A, 316/3B, 316/3C, 316/3E, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5 of, THIMIJEPELLI village, Denkanikottai Taluk and Krishnagiri District - for the establishment or take steps to establish the industry under Section 21 of the Air(Prevention and control of Pollution)Act,1981, as amended in 1987(Central Act. 14 of 1981)-Issued -Reg.

REF: 1. Unit's Application No. 36954157 dated:18.02.2021
2. IR.No : F.2944HSR/RL/AE/HSR/2021 dated 27/02/2021
3. Minutes of the 278th CCC meeting vide item no. 278-4 dated:30.04.2021.

Consent to establish or take steps to establish 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 . TATA ELECTRONICS PRIVATE LIMITED

S.F No.150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2A, 143/2B, 143/ 3, 144/1, 147/1B, 147/1A, 148/3 of Udedurgam Village and 312/1E, 312/2A, 324/1A, 324/2D, 312/2B, 312/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1D, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 322/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/4, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3D, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A1, 309/1B1, 309/2B2, 314/1B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A2, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/3A, 316/3B, 316/3C, 316/3E, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5 of, THIMIJEPELLI Village, Denkanikottai Taluk,

Krishnagiri District.

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2A, 143/2B, 143/ 3, 144/1, 147/1B, 147/1A, 148/3 of Udedurgam Village and 312/1E, 312/2A, 324/1A, 324/2D, 312/2B, 312/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1D, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 322/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/4, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3D, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A1, 309/1B1, 309/2B2, 314/1B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A2, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/3A, 316/3B, 316/3C, 316/3E, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5 of, THIMIJEPELLI Village, Denkanikottai Taluk, Krishnagiri District.

This Consent to establish is valid upto **March 31, 2026**, 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.

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
The Director,
M/s.TATA ELECTRONICS PRIVATE LIMITED,
TRIL BENGALURU REAL ESTATE FOUR PRIVATE LIMITED, Corniche Al- Latheef, Ground Floor A Wing, No. 25,
Cunningham Road, Vasanthnagar, Bangalore, Bangalore, Karnataka, India, Krishnagiri District
Pin: 560052

Copy to:

1. The Commissioner, KEELAMANGALAM-Panchayat Union, Denkanikottai Taluk, Krishnagiri District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, HOSUR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore.
4. File

SPECIAL CONDITIONS

1. This consent to establish 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.	Manufacturing and Assembly of Metal case for Mobile Phones	100000	Nos/Day

2. This consent to establish 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 - 15	Anodizing Section – 15 Nos	Each having Individual Wet scrubber with Individual stack	14	
16- 45	DG Set 2250 KVA – 30 Nos	Each having Retrofitting Emission, Acoustic Enclosures with Individual Stack	30	
46	HSD Fired Boiler – 700 Kg/Hr – 4 Nos	Common stack	14	
47	HSD Fired Boiler – 850 Kg/Hr – 3 Nos (For Evaporator)	Common stack	12	
II Fugitive/Noise emission :				
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	DG Set 2250 KVA – 30 Nos	Noise	Acoustic Enclosures	

3. **Special Additional Conditions:**

The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.

4. **Additional Conditions:**

- 1) The unit shall provide adequate APC measures such as Individual Wet scrubber with Individual stack – 14 m Ht to Anodizing Section (15 Nos), Common stack (14 m ht) to the HSD fired Boiler (700 Kg/hr) – 4 Nos and Common stack (12 m ht) to the HSD fired Boiler (850 Kg/hr) (for Evaporator)- 3Nos and Individual Retrofitting Emission & Acoustic Enclosure with Stack (each 30 m) to D.G Sets – 2250 KVA of 30 Nos. so as to satisfy the NAAQ/Emission standards prescribed by the Board.
- 2) The unit shall adhere to Ambient Noise Level standards prescribed by the Board.
- 3) The unit shall provide CAAQM station in the unit premises and the same shall be connected with the Care Air centre, TNPCB, Guindy, Chennai.
- 4) The unit shall develop adequate width of greenbelt in and around the premises as reported.
- 5) 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. Falling 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.
- 6) The Construction of the structures should be undertaken as per the plans approved by the concerned local Authorities/local administration.
- 7) All other statutory clearances such as the approvals for storage of diesel from Chief Controller 'Explosives, Fire and Rescue Services Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State/ Central Ground Water Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
- 8) The unit shall ensure that the shortest distance between the construction of campus of the industry and the Ponnaiyar River, Chinnar River shall be above 5km to comply with the G.O. 127 E&F Department dated 08.05.1998.

**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.

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

** This consent order is computer generated by OCMMS of TNPCB and no signature is needed**



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2101136954157 DATED: 04/05/2021.

PROCEEDINGS NO.T4/TNPCB/F.2944HSR/RL//HSR/W/2021 DATED: 04/05/2021

SUB: TNPC Board-Consent for Establishment-M/S TATA ELECTRONICS PRIVATE LIMITED S.F No. 150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2A, 143/2B, 143/ 3, 144/1, 147/1B, 147/1A, 148/3 of Udedurgam Village and 312/1E, 312/2A, 324/1A, 324/2D, 312/2B, 312/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1D, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 322/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/4, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3D, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A1, 309/1B1, 309/2B2, 314/1B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A2, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/3A, 316/3B, 316/3C, 316/3E, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5 of, THIMIJEPELLI Village, Denkanikottai Taluk, Krishnagiri District - for the establishment or take steps to establish the industry under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988 (Central Act 6 of 1974)- Issued- Reg.

REF: 1. Unit's Application No. 36954157 dated:18.02.2021
2. IR.No : F.2944HSR/RL/AE/HSR/2021 dated 27/02/2021
3. Minutes of the 278th CCC meeting vide item no. 278-4 dated:30.04.2021.

Consent to establish or take steps to establish 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,

TATA ELECTRONICS PRIVATE LIMITED

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F. No.150/4, 150/5, 140/5, 136/1A, 136/1B, 140/6, 141/3, 141/1A, 136/3A, 139/4, 139/8, 149/2, 149/3, 150/1, 149/4A, 149/4B, 150/3, 143/1A, 143/1B, 143/1C, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2A, 143/2B, 143/ 3, 144/1, 147/1B, 147/1A, 148/3 of Udedurgam Village and 312/1E, 312/2A, 324/1A, 324/2D, 312/2B, 312/2C, 312/2D2, 323/3, 326/1A, 327/1C, 326/1C, 311/1B, 311/1C, 312/1C, 312/2D1, 313/3F, 312/1A, 312/1B, 312/1D, 313/4A, 322/2B, 313/1E, 313/3C, 313/3D, 313/1C, 313/3B, 322/1C, 322/3A, 322/3C, 313/1A, 313/3A, 313/1B, 313/3E, 313/1F, 322/1A, 322/1B, 322/2A, 313/3G, 313/4B, 322/1D, 320/1, 320/3C, 321/1C, 320/3A, 321/1A, 322/2E, 324/2C, 320/3B, 321/1B, 320/4, 321/3, 323/1, 322/2C, 322/2D, 322/3B, 322/3D, 322/3E, 322/3F, 324/2A, 322/3G, 324/2B, 323/2, 324/3, 325/1A, 325/1B, 325/2, 313/1D, 326/1B, 327/1F, 326/1D, 326/1E, 327/1E, 309/2D, 316/1D, 314/3A3, 314/1A, 314/3A1, 315/5, 308/1A, 308/1C, 319/1B, 308/1B, 308/2, 309/1A1, 309/1B1, 309/2B2, 314/1B, 309/2A, 311/1E, 314/3A2, 309/2C, 311/1D, 309/2E, 310/1A2, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D, 317/1E, 315/3, 315/1A, 315/1D, 315/4A, 315/4B, 316/1E, 316/2B, 316/2C, 316/2D, 316/3A, 316/3B, 316/3C, 316/3E, 316/3F, 317/1C, 317/2A1, 317/2A3, 317/2B, 319/1A, 315/1B, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 318/1B, 318/1C, 318/2, 318/3A, 318/3B, 315/1E, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5 of, THIMIJEPELLI Village, Denkanikottai Taluk,

Krishnagiri District.

This Consent to establish is valid upto **March 31, 2026**, 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.

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
The Director,
M/s.TATA ELECTRONICS PRIVATE LIMITED,
TRIL BENGALURU REAL ESTATE FOUR PRIVATE LIMITED, Corniche Al- Latheef, Ground Floor A Wing, No. 25,
Cunningham Road, Vasanthnagar, Bangalore, Bangalore, Karnataka, India,
Pin: 560052

Copy to:

- 1.The Commissioner, KEELAMANGALAM-Panchayat Union, Denkanikottai Taluk, Krishnagiri District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, HOSUR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore.
4. File

SPECIAL CONDITIONS

1. This consent to establish 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.	Manufacturing and Assembly of Metal case for Mobile Phones	100000	Nos/Day

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.	Sewage Treatment Plant	1	1500 KLD Capacity
2.	Bar Screen Chamber	1	2.5 x 1.5 x 1.0
3.	Raw Sewage Collection Tank	1	15.0 x 12.0 x 5.0
4.	Receiving Chamber	1	2.5 x 1.5 x 0.7
5.	Fine Screen Channel	2	4.0 x 0.525 x 0.8
6.	Grid Chamber Manual	1	4.5 x 2.5 x 3.0
7.	SBR Basins – I	1	15.6 x 7.8 x 6.3
8.	SBR Basins – II	1	15.6 x 7.8 x 6.3
9.	Clarified Water Tank	1	12.0 x 4.0 x 5.0
10.	Pressure Sand Filter	1	Dia 2.8 x 2.0 m Ht
11.	Activated Carbon Filter	1	Dia 2.5 x 2.0 m Ht
12.	UF Feed Tank	1	12.0 x 10 x 5.0
13.	UF System	1	27.5 m ³ /Hr
14.	UF Treated Tank	1	12.0 x 7.5 x 5.0
15.	Sludge Holding Tank	1	4.0 x 4.0 x 4.0
16.	Screw Press	1	4 m ³ /Hr
17.	UV System	1	75 m ³ /Hr
b	Effluent Treatment Plant:		
Treatment status: Individual ETP			

SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	Effluent Treatment Plant	1	62.5 KLD Capacity
2.	Nickel Effluent Collection Well	1	2.0 x 3.0 x 3
3.	Nickel Effluent Collection Tank	1	2.0 x 3.0 x 3
4.	Nickel Effluent Chemical Dosing Tank	2	1.5 x 1.5 x 1.5
5.	Nickel Effluent Flash Mixer Tank	1	1.5 x 1.5 x 1.5
6.	Nickel Effluent Flocculator Tank	1	1.5 x 1.5 x 1.5
7.	Nickel Effluent Settling Tank	1	3.2 x 2.0 x 3
8.	Chromium Effluent Collection Well	1	2.0 x 3.0 x 3
9.	Chromium Effluent Collection Tank	1	2.0 x 3.0 x 3
10.	Chromium Effluent Chemical Dosing Tank	2	1.5 x 1.5 x 1.5
11.	Chromium Effluent Flash Mixer Tank	1	1.5 x 1.5 x 1.5
12.	Chromium Effluent Flocculator Tank	1	1.5 x 1.5 x 1.5
13.	Chromium Effluent Settling Tank	1	3.2 x 2.0 x 3
14.	AAS Drain Oil Skimmer Tank	1	3.0 x 1.0 x 1.5
15.	AAS Drain Eff. Collection Tank	1	2.0 x 3.0 x 3
16.	AAS Drain Chemical Dosing Tank	2	1.5 x 1.5 x 1.5
17.	AAS Drain Flash Mixer Tank	1	1.5 x 1.5 x 1.5
18.	AAS Drain Flocculator Tank	1	1.5 x 1.5 x 1.5
19.	AAS Drain Settling Tank	1	3.2 x 2.0 x 3
20.	Common Sludge Holding Tank	1	3.0 x 1.5 x 3
21.	Common Filter Feed Tank	1	3.0 x 3.0 x 3
22.	Pressure Sand Filter	1	0.8 dia x 2.0 Ht
23.	Activated Carbon Filter	1	0.8 dia x 2.0 Ht
24.	UF Feed Tank	1	3.0 x 3.0 x 3.0
25.	UF System	1	4 m3/Hr
26.	UF Permeate / RO Feed Tank	1	3.0 x 3.0 x 3.0
27.	RO System Stage 1	1	4 m3/Hr
28.	RO Stage 1 Reject Tank	1	3.0 x 2.0 x 3.0
29.	RO System Stage 2	1	2 m3/Hr
30.	RO Stage 2 Reject Tank	1	3.0 x 2.0 x 3.0
31.	RO System Stage 3	1	1 m3/Hr

32.	RO Stage 3 Reject Tank	1	3.0 x 2.0 x 3.0
33.	Common RO Permeate Tank	1	3.0 x 3.0 x 3.0
34.	Screw Press	1	1 m3/Hr
35.	Waste Water from Cleaning Process	1	-
36.	Collection Tank	1	4 x 3.6 x 3
37.	Batch Reaction Tank	1	1.2 dia x 3 Ht
38.	Sludge Holding Tank	1	1.2 x 1.3 x 3
39.	Clear Water Tank	1	1.2 x 1.3 x 3
40.	UASB Reactor Tank	1	4.6 dia x 5 Ht
41.	Bio Aeration Tank	1	3.5 x 1.8 x 3
42.	Settling Tank	1	1.3 x 1.2 x 3
43.	Sludge Holding Tank	1	1.3 x 1.2 x 3
44.	Filter Feed Tank	1	1.3 x 1.2 x 3.
45.	Pressure Sand Filter	1	0.4 dia x 1.6 Ht
46.	Activated Carbon Filter	1	0.4 dia x 1.6 Ht
47.	Treated Water Tank	1	4 x 2 x 3
48.	Screw Press	1	1 m3/Hr
49.	CNC Machine Coolant	1	-
50.	Collection Tank	1	8.2 x 9.3 x 4
51.	Intermediate Tank	1	4.5 x 4.4 x 3
52.	Batch Reaction Tank	1	2.3 dia x 3.5 Ht
53.	Sludge Holding Tank	1	2 x 2.8 x 3
54.	Clear water Tank	1	4 x 2.5 x 3
55.	Bio Aeration Tank	1	4 x 4 x 3
56.	Settling Tank	1	2 x 2 x 3
57.	Filter Feed Tank	1	2 x 2 x 3
58.	Pressure Sand Filter	1	0.6 dia x 1.8 Ht
59.	Activated Carbon Filter	1	0.6 dia x 1.8 Ht
60.	UF Feed Tank	1	2.5 x 2.9 x 3
61.	UF System	1	50 m3/day
62.	RO I Feed Tank	1	2.5 x 1.9 x 3
63.	RO Ist Stage	1	50 m3/day
64.	RO II Feed Tank	1	2.5 x 1.9 x 3
65.	RO Common Permeate Tank	1	5 x 4.5 x 3
66.	RO 2nd Stage	1	25 m3/day
67.	RO Reject Tank	1	2.6 x 3 x 3
68.	Screw Press	1	2 m3/Hr
69.	Common Mechanical Evaporator (Four Stage)	1	5 m3/Hr
70.	ATFD	1	0.5 m3/Hr

3. This consent to establish 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 Outlet 1	850.0	On land for gardening
2.	Sewage Outlet 2	350.0	Used in AC Cooling
3.	Sewage Outlet 3	150.0	Utilizing for Toilet flushing
Effluent Type : Trade Effluent			
1.	Trade Effluent 1 (RO Per. & Evaporator Condens)	470.5	Recycling to process
2.	Trade Effluent 2 (Evaporator Concentrate)	4.9	Converted into Salts by ATFD

4. **Additional Conditions:**

- 1) The unit shall provide Sewage Treatment Plant for the treatment of sewage generated from the unit so as to achieve the quality of treated sewage to the standards prescribed by the Board.
- 2) The unit shall utilise the treated Sewage for on land for gardening, AC cooling and for toilet flushing purposes after satisfying the standards prescribed by the Board.
- 3) The unit shall provide ZLD based ETP system comprising ETP, 3 stage R.O System to the Anodizing and Chromium & Nickel plating process sections effluent and with UASB Reactor, 2 stage R.O System, UF to the cleaning process effluent and ETP with 2 stage R.O System, UF to the trade effluent generated from CNC Machine coolant with common Multiple Effect Evaporator (4 stage) with ATFD for the treatment of trade effluent generated from the unit and to achieve Zero Liquid Discharge at all times.
- 4) The unit shall provide DAF (Dissolved Air Floatation) system to the coolant wastewater treatment system for the effective removal of oil and grease from the coolant oil wastewater.
- 5) The unit shall provide electromagnetic flow meters (EMFMs) in the inlet and outlet of STP, inlet to AC Cooling, Toilet flushing and ETP inlet, UF inlet & outlet, RO permeate outlets I,II,III and RO rejects, MEE feed with computer recording facility and the same shall be connected with the Water Quality Watch centre at TNPCB, Guindy, Chennai.
- 6) The unit shall provide Biomethanation plant /organic waste convertor for the treatment and disposal of bio-degradable solid waste generated from the proposed facility.
- 7) The unit shall provide adequate Rain Water harvesting system in their premises to recharge the ground water in that area.
- 8) The unit shall develop adequate width of greenbelt in and around the premises as reported.
- 9) The unit shall comply with the provisions of Hazardous and Other Wastes (MTBM) Rules, 2016 as amended and apply for Authorisation of the Board while applying for Consent to Operate of the Board.
- 10) The unit shall comply with E-waste Management Rules, 2016. E-Waste is listed in schedule –I, generated by them shall be channelized through collection centre or dealers of authorized producer to authorized dismantler or recycler. The unit shall maintain record of E- Waste by them in Form-2 and make such records for scrutiny by the TNPCB. The unit shall file annual returns in Form-3, to TNPCB on or before the 30th day of June following the financial year.
- 11) The unit shall comply with the provisions of Plastic Waste management Rules, 2016.
- 12) The unit shall not use 'Use and throwaway plastics such as plastic sheets used for food wrapping, spreading on dining table etc, plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastics flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco-friendly alternative such as banana leaf, areca nut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, jute bag etc.,
- 13) 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.
- 14) The Construction of the structures should be undertaken as per the plans approved by the concerned local Authorities/local administration.
- 15) All other statutory clearances such as the approvals for storage of diesel from Chief Controller 'Explosives, Fire and Rescue Services Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State/ Central Ground Water Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
- 16) The unit shall obtain NOC from TWAD for receiving water.
- 17) The unit shall ensure that the shortest distance between the construction of campus of the industry and the Ponnaiyar River, Chinnar River shall be above 5km to comply with the G.O. 127 E&F Department dated 08.05.1998.

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.

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

** This consent order is computer generated by OCMMS of TNPCB and no signature is needed**



TC-12626

Test Report (Environment)

Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-02		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006004
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	11:00 AM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-3	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	312	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	18.44	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	5999	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	54.2	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	280	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm ³	89	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm ³	Below Detection Limit of 1	100 max	IS 13270 (RA:2014)
8	Oxygen	% (v/v)	12.90	Not Specified	IS 13270 : 1992
9	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-02		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006004
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	11:00 AM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-3	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

**Test Report
(Environment)**

Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-04		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006005
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	11:30 AM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-2	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	307	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	18.94	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	6249	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	48.9	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	251	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm ³	91	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm ³	Below Detection Limit of 1	100 max	IS 13270 (RA:2014)
8	Oxygen	% (v/v)	12.90	Not Specified	IS 13270 : 1992
9	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
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First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO M. (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-04		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006005
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	11:30 AM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-2	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

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

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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**Test Report
(Environment)**

Matrix: Stack Emission			
Sample Reference Name:		CHARGES FOR DG / OTHER STACK MONITORING	
Sample Identification/Details:		Stack attached to 2250 KVA DG Set-01	
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006006
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-1	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	309	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	18.63	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	6126	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	52.4	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	262	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm ³	90	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm ³	Below Detection Limit of 1	100 max	IS 13270 (RA:2014)
8	Oxygen	% (v/v)	13.10	Not Specified	IS 13270 : 1992
9	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
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First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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TC-12626

**Test Report
(Environment)**

Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-01		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006006
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-1	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

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

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:		CHARGES FOR DG / OTHER STACK MONITORING	
Sample Identification/Details:		Stack attached to 2250 KVA DG Set-02	
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006007
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-4	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	313	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	18.87	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	6163	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	51.8	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	266	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm ³	91	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm ³	Below Detection Limit of 1	100 max	IS 13270 (RA:2014)
8	Oxygen	% (v/v)	12.30	Not Specified	IS 13270 : 1992
9	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-02		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006007
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	SS-4	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			



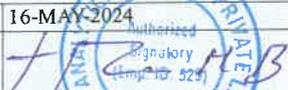
TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	HSD Fired boiler (for ETP Evaporator) 850Kg/Hr		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006008
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	HSD	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	142	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	14.84	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	21814	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	25.1	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	82	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm ³	53	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm ³	Below Detection Limit of 1	100 max	IS 13270 (RA:2014)
8	Oxygen	% (v/v)	12.70	Not Specified	IS 13270 : 1992
9	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR DG / OTHER STACK MONITORING		
Sample Identification/Details:	HSD Fired boiler (for ETP Evaporator) 850Kg/Hr		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006008
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	HSD	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	--

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

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

**Test Report
(Environment)**

Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber(STACK 3 to 35)No # 1		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006009
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	33	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	13.89	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	53765	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	6.8	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	Below Detection Limit of 1	710 max	IS 11255 (Part-7) (RA:2017)
6	Nickel (as Ni)	mg/Nm ³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO2)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm ³	Below detection limit of 1	35 max	USEPA Method 26

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
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First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			

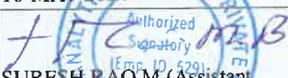


TC-12626

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber(STACK 3 to 35)No # 1		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006009
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber STACK 36 to 56)No # 5		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006010
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	32	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	14.58	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	56677	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	7.8	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	Below Detection Limit of 1	710 max	IS 11255 (Part-7) (RA:2017)
6	Nickel (as Ni)	mg/Nm ³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO2)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm ³	Below detection limit of 1	35 max	USEPA Method 26

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
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First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 2	
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TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber STACK 36 to 56)No # 5		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006010
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) <small>(Emp. ID 529)</small>	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber(STACK 94 to 114)No # 9		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006011
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	3:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	31	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	15.26	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	59480	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	6.0	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	Below Detection Limit of 1	710 max	IS 11255 (Part-7) (RA:2017)
6	Nickel (as Ni)	mg/Nm ³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm ³	Below detection limit of 1	35 max	USEPA Method 26

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber(STACK 94 to 114)No # 9		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006011
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	3:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber No # 1		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006012
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	3:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 0-1 (East side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	31	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	14.34	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	55891	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	7.4	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	Below Detection Limit of 1	710 max	IS 11255 (Part-7) (RA:2017)
6	Nickel (as Ni)	mg/Nm ³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm ³	Below detection limit of 1	35 max	USEPA Method 26

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
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First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber No # 1		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006012
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	3:30 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 0-1 (East side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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Format No.F/SAIL/7.1/08			



TC-12626

**Test Report
(Environment)**

Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber No # 3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006013
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	4:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 0-2(East side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Flue gas temperature	°C	30	Not Specified	IS 11255 (Part-3) (RA:2018)
2	Flue gas velocity	m/s	14.54	Not Specified	IS 11255 (Part-3) (RA:2018)
3	Quantity of emission	Nm ³ /Hr	56811	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm ³	9.0	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO ₂)	ppmv	Below Detection Limit of 1	710 max	IS 11255 (Part-7) (RA:2017)
6	Nickel (as Ni)	mg/Nm ³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO ₂)	mg/Nm ³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm ³	Below detection limit of 1	35 max	USEPA Method 26

Note: The requirement mentioned here is as per Environment protection Act-1986

Terms And Conditions

S.No.	Description
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2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber No # 3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006013
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	4:00 PM 30 Min	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Anodizing Section 0-2(East side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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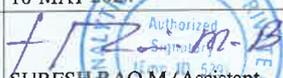


TC-12626

**Test Report
(Environment)**

Matrix: Ambient Air			
Sample Reference Name:		CHARGES FOR AMBIENT AIR ANALYSIS	
Sample Identification/Details:		Near Substation area (East)	
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006015
Group	Atmospheric Pollution	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:00:00pm to 12:00pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Substation area (East)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Particulate matter size less than 10 microns(PM10)	µg/m³	72.0	100 max	IS: 5182 (Part-23)
2	Particulate matter size less than 2.5 microns(PM 2.5)	µg/m³	38.4	60 max	IS: 5182 (Part 24)
3	Sulphur dioxide (as SO ₂)	µg/m³	6.8	80 max	IS 5182 (Part-2)
4	Nitrogen dioxide (as NO ₂)	µg/m³	26.2	80 max	IS:5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m³	25.5	400 max	IS: 5182 (Part-25)
6	Ozone (as O ₃)	µg/m³	23.3	100 max	IS 5182 (Part-9)
7	Carbon monoxide (as CO)	mg/m³	1.32	2 max	IS :5182 (P-10)
8	Benzene (as C ₆ H ₆)	µg/m³	Below detection limit of 2.5	5 max	IS: 5182 (Part-11)
9	Benzo(a)pyrine (Particulate phase only)	ng/m³	Below detection limit of 0.1	1 max	IS: 5182 (Part-12)
10	Lead (as Pb)	µg/m³	Below detection limit of 0.01	1 max	USEPA Compendium Method IO- 3.1 & 3.4
11	Arsenic (as As)	ng/m³	Below detection limit of 1	6 max	USEPA Compendium Method IO- 3.1 & 3.4
12	Nickel (as Ni)	ng/m³	1.5	20 max	USEPA Compendium Method IO- 3.1 & 3.4

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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TC-12626

Test Report (Environment)			
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Near Substation area (East)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006015
Group	Atmospheric Pollution	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:00:00pm to 12:00pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Substation area (East)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

Remarks: The requirements mentioned here are as per National ambient air quality standards.

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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3	Total liability of our laboratory is limited to the invoiced amount.
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-----End of Report-----

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Near ETP Area(South)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006016
Group	Atmospheric Pollution	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	11:45:pm to 11:45pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	ETP Area (South)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Particulate matter size less than 10 microns(PM10)	µg/m ³	65.0	100 max	IS: 5182 (Part-23)
2	Particulate matter size less than 2.5 microns(PM 2.5)	µg/m ³	36.8	60 max	IS: 5182 (Part 24)
3	Sulphur dioxide (as SO ₂)	µg/m ³	8.4	80 max	IS 5182 (Part-2)
4	Nitrogen dioxide (as NO ₂)	µg/m ³	32.9	80 max	IS:5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m ³	34.4	400 max	IS: 5182 (Part-25)
6	Ozone (as O ₃)	µg/m ³	28.4	100 max	IS 5182 (Part-9)
7	Carbon monoxide (as CO)	mg/m ³	1.22	2 max	IS :5182 (P-10)
8	Benzene (as C ₆ H ₆)	µg/m ³	Below detection limit of 2.5	5 max	IS: 5182 (Part-11)
9	Benzo(a)pyrine (Particulate phase only)	ng/m ³	Below detection limit of 0.1	1 max	IS: 5182 (Part-12)
10	Lead (as Pb)	µg/m ³	Below detection limit of 0.01	1 max	USEPA Compendium Method IO- 3.1 & 3.4
11	Arsenic (as As)	ng/m ³	Below detection limit of 1	6 max	USEPA Compendium Method IO- 3.1 & 3.4
12	Nickel (as Ni)	ng/m ³	3.3	20 max	USEPA Compendium Method IO- 3.1 & 3.4

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Near ETP Area(South)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006016
Group	Atmospheric Pollution	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	11:45:pm to 11:45pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	ETP Area (South)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

Remarks: The requirements mentioned here are as per National ambient air quality standards.

Terms And Conditions

S.No.	Description
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-----End of Report-----

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Scrubber and Air blower Ano west		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006017
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:15pm to 12:15pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Scrubber and Air blower Ano west	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Particulate matter size less than 10 microns(PM10)	µg/m³	63.0	100 max	IS: 5182 (Part-23)
2	Particulate matter size less than 2.5 microns(PM 2.5)	µg/m³	33.4	60 max	IS: 5182 (Part 24)
3	Sulphur dioxide (as SO ₂)	µg/m³	6.0	80 max	IS 5182 (Part-2)
4	Nitrogen dioxide (as NO ₂)	µg/m³	25.5	80 max	IS:5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m³	23.6	400 max	IS: 5182 (Part-25)
6	Ozone (as O ₃)	µg/m³	25.4	100 max	IS 5182 (Part-9)
7	Carbon monoxide (as CO)	mg/m³	1.40	2 max	IS :5182 (P-10)
8	Benzene (as C ₆ H ₆)	µg/m³	Below detection limit of 2.5	5 max	IS: 5182 (Part-11)
9	Benzo(a)pyrene (Particulate phase only)	ng/m³	Below detection limit of 0.1	1 max	IS: 5182 (Part-12)
10	Lead (as Pb)	µg/m³	Below detection limit of 0.01	1 max	USEPA Compendium Method IO- 3.1 & 3.4
11	Arsenic (as As)	ng/m³	Below detection limit of 1	6 max	USEPA Compendium Method IO- 3.1 & 3.4
12	Nickel (as Ni)	ng/m³	4.6	20 max	USEPA Compendium Method IO- 3.1 & 3.4

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Scrubber and Air blower Ano west		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006017
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:15pm to 12:15pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Scrubber and Air blower Ano west	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

Remarks: The requirements mentioned here are as per National ambient air quality standards.

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO M. (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Near WTP area (North)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006018
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:25pm to 12:25pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	WTP Area	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Particulate matter size less than 10 microns(PM10)	µg/m³	68.0	100 max	IS: 5182 (Part-23)
2	Particulate matter size less than 2.5 microns(PM 2.5)	µg/m³	32.8	60 max	IS: 5182 (Part 24)
3	Sulphur dioxide (as SO ₂)	µg/m³	8.4	80 max	IS 5182 (Part-2)
4	Nitrogen dioxide (as NO ₂)	µg/m³	30.8	80 max	IS:5182 (Part-6)
5	Ammonia (as NH ₃)	µg/m³	28.4	400 max	IS: 5182 (Part-25)
6	Ozone (as O ₃)	µg/m³	30.4	100 max	IS 5182 (Part-9)
7	Carbon monoxide (as CO)	mg/m³	1.37	2 max	IS :5182 (P-10)
8	Benzene (as C ₆ H ₆)	µg/m³	Below detection limit of 2.5	5 max	IS: 5182 (Part-11)
9	Benzo(a)pyrine (Particulate phase only)	ng/m³	Below detection limit of 0.1	1 max	IS: 5182 (Part-12)
10	Lead (as Pb)	µg/m³	Below detection limit of 0.01	1 max	USEPA Compendium Method IO- 3.1 & 3.4
11	Arsenic (as As)	ng/m³	Below detection limit of 1	6 max	USEPA Compendium Method IO- 3.1 & 3.4
12	Nickel (as Ni)	ng/m³	3.1	20 max	USEPA Compendium Method IO- 3.1 & 3.4

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 529)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

**Test Report
(Environment)**

Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR ANALYSIS		
Sample Identification/Details:	Near WTP area (North)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006018
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:25pm to 12:25pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	WTP Area	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details i) Thermo Environmental Respirable Dust sampler Model T
Sample Method	SOP/ENV/021	Environmental Conditions During sampling	-

Remarks: The requirements mentioned here are as per National ambient air quality standards.

Terms And Conditions

S.No.	Description
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-----End of Report-----

First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

**Test Report
(Environment)**

Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Near Substation area (East)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006019
Group	Atmospheric Pollution	Date of Sample Collection	08-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:25:00pm to 12:25pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Substation area (East)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Day Time Noise level	dB(A) Leq	62.0	75 max	IS 9989: 1981
2	Night Time Noise level	dB(A) Leq	54.9	70 max	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986
 Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Night Time Limits in dB(A) Leq
 (A)----- Industrial area-----75-----70
 (B)----- Commercial area-----65-----55
 (C)----- Residential area-----55-----45
 (D)----- Silence Zone-----50-----40
 Note1: Day time is reckoned in between 06.00 am and 10.00 pm
 Note2: Night time is reckoned in between 10.00 pm and 06.00 am

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

**Test Report
(Environment)**

Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Near Substation area (East)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006019
Group	Atmospheric Pollution	Date of Sample Collection	08-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:25:00pm to 12:25pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Substation area (East)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO, M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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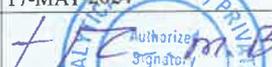
TC-12626		Test Report (Environment)	
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Near ETP Area(South)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006020
Group	Atmospheric Pollution	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:20:pm to 12:20pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	ETP Area (South)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Day Time Noise level	dB(A) Leq	61.5	75 max	IS 9989: 1981
2	Night Time Noise level	dB(A) Leq	56.6	70 max	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986
 Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Night Time Limits in dB(A) Leq
 (A)----- Industrial area-----75-----70
 (B)----- Commercial area-----65-----55
 (C)----- Residential area-----55-----45
 (D)----- Silence Zone-----50-----40
 Note1: Day time is reckoned in between 06.00 am and 10.00 pm
 Note2: Night time is reckoned in between 10.00 pm and 06.00 am

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Near ETP Area(South)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006020
Group	Atmospheric Pollution	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:20:pm to 12:20pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	ETP Area (South)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Part of the Cotecna Group

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CIN : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

TC-12626		Test Report (Environment)	
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Scrubber and Air blower Ano west		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006021
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:35pm to 13:35pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Scrubber and Air blower Ano west	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Day Time Noise level	dB(A) Leq	62.3	75 max	IS 9989: 1981
2	Night Time Noise level	dB(A) Leq	58.5	70 max	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986
 Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Night Time Limits in dB(A) Leq
 (A)----- Industrial area-----75-----70
 (B)----- Commercial area-----65-----55
 (C)----- Residential area-----55-----45
 (D)----- Silence Zone-----50-----40
 Note1: Day time is reckoned in between 06.00 am and 10.00 pm
 Note2: Night time is reckoned in between 10.00 pm and 06.00 am

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024

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TC-12626		Test Report (Environment)	
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Scrubber and Air blower Ano west		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006021
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:35pm to 13:35pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	Scrubber and Air blower Ano west	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-42626

Test Report (Environment)			
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Near WTP area(North)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006022
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:00pm to 12:00pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	WTP Area	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Day Time Noise level	dB(A) Leq	62.4	75 max	IS 9989: 1981
2	Night Time Noise level	dB(A) Leq	53.7	70 max	IS 9989: 1981

Remarks: Ambient air quality standards in respect of Noise as per Environment (Protection) Rules, 1986
 Area Code----- Category of area----- Day Time Limits in dB(A) Leq----- Night Time Limits in dB(A) Leq
 (A)----- Industrial area-----75-----70
 (B)----- Commercial area-----65-----55
 (C)----- Residential area-----55-----45
 (D)----- Silence Zone-----50-----40
 Note1: Day time is reckoned in between 06.00 am and 10.00 pm
 Note2: Night time is reckoned in between 10.00 pm and 06.00 am

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024

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Printed on: 22-MAY-2024

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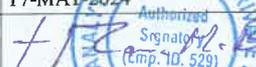
TC-12626

**Test Report
(Environment)**

Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE MONITORING		
Sample Identification/Details:	Near WTP area(North)		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006022
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	14-MAY-2024
Time/Duration of Sampling	12:00pm to 12:00pm 24 Hrs	Date of Start of Analysis	15-MAY-2024
Location of Sample Collection	WTP Area	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Sound Level Meter- BASE LINE, Model 2511,SA - 730 D
Sample Method	SOP/ENV/049	Environmental Conditions During sampling	Sunny

6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber (STACK 3 to 35) No # 1		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006023
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:00 PM 30 Min	Date of Start of Analysis	16-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Alkali Mist	mg/Nm ³	< 1	40 max	APHA

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber (STACK 36 to 56)No # 5		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006024
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	2:30 PM 30 Min	Date of Start of Analysis	16-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Alkali Mist	mg/Nm ³	< 1	40 max	APHA

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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Format No.F/SAIL/7.1/08			

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber(STACK 94 to 114) No # 9		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006025
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	3:00 PM 30 Min	Date of Start of Analysis	16-MAY-2024
Location of Sample Collection	Anodizing Section 1-1 (west side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Alkali Mist	mg/Nm ³	< 1	40 max	APHA

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
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7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAOM (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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 Tel: +91-80-28015333 Email: info@shivaanalytics.com Website: www.shivaanalytics.com
 CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber No # 1		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006026
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	3:30 PM 30 Min	Date of Start of Analysis	16-MAY-2024
Location of Sample Collection	Anodizing Section 0-1 (East side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Alkali Mist	mg/Nm ³	< 1	40 max	APHA

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986

Terms And Conditions

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3	Total liability of our laboratory is limited to the invoiced amount.
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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 529)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India

Tel : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com

CIN : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

Test Report (Environment)			
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING		
Sample Identification/Details:	Scrubber No # 3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006027
Group	Atmospheric Pollution	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	14-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	14-MAY-2024
Time/Duration of Sampling	4:00 PM 30 Min	Date of Start of Analysis	16-MAY-2024
Location of Sample Collection	Anodizing Section 0-2(East side)	Date of End of Analysis	21-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	21-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	Instruments used and Calibration details Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -
Sample Method	SOP/ENV/022	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Alkali Mist	mg/Nm ³	< 1	40 max	APHA

Remarks: The Requirement mentioned here is as per Environment Protection Act-1986

Terms And Conditions

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7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 529)	Authorized On	21-MAY-2024
Printed by: Venugopala.N		Printed on: 22-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Acid/Alkali effluent from Ano plant		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005886
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	pH Value	--	1.4	5.5 - 9.0 max	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	38900	Not specified	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	990	30 max	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	2848	250 max	APHA 23rd Edition (P-5220B): 2017

Note: The requirement mentioned here are permissible limits as per PCB consent

Terms And Conditions

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6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Chromium effluent from Ano plant		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005887
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	pH Value	--	3.5	5.5 - 9.0 max	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	1526	Not specified	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	520	30 max	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	1472	250 max	APHA 23rd Edition (P-5220B): 2017

Note: The requirement mentioned here are permissible limits as per PCB consent

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAGHAV (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Nickel effluent from Ano plant		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005888
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	2.4	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	880	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	160	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	400	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Rinse water from ANO - West		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005889
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	2.4	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	750	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	8	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M. (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Rinse water from ANO - East		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005890
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	2.3	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	780	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	Below detection limit of 2	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	BMB#1 Rinse Water		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005891
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	5.7	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	56	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	Below detection limit of 2	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	BMB# 2 Rinse Water		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005892
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	3.0	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	112	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	4	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	BMB# 1 Incoming Effluent Water		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005893
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	6.1	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	440	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	100	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	250	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

S.No.	Description
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-----End of Report-----

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Raw Sewage Inlet		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005894
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	7.0	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	1764	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	270	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	672	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M. (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	VI Effluent Inlet		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005895
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	7.4	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	1378	IS 3025 (Part-16): 1984
3	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	6300	IS 3025(Part-44)1993
4	Chemical Oxygen Demand	mg/l	20800	APHA 23rd Edition (P-5220B): 2017

Terms And Conditions

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp ID. 793)	Authorized On	29-MAY-2024
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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	DM Water		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005896
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	7.0	IS 3025 (Part-11) 1983
2	Chloride	mg/l	Below detection limit of 1	IS 3025 (Part-32): 1988
3	Electrical Conductivity	µS/cm	0.8	IS 3025 (Part-14): 2013
4	Silica	mg/l	Below detection limit of 0.1	IS 3025 (Part-2): 2019
5	Iron	mg/l	Below detection limit of 0.05	IS 3025 (Part-2) 2019

Terms And Conditions

S.No.	Description
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-----End of Report-----

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Cooling Tower		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005897
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	pH Value	--	8.9	IS 3025 (Part-11) 1983
2	Total Dissolved Solids	mg/l	5292	IS 3025 (Part-16): 1984
3	Suspended solids	mg/l	15	IS 3025 (Part-17): 2022
4	Chloride	mg/l	1027	IS 3025 (Part-32): 1988
5	Sulphate	mg/l	1451	IS 3025 (Part-24): 1986
6	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	IS 3025(Part-44)1993
7	Chemical Oxygen Demand	mg/l	4	APHA 23rd Edition (P-5220B): 2017
8	Total Hardness (as CaCO ₃)	mg/l	1746	IS 3025 (Part-21) : 2009

Terms And Conditions

S.No.	Description
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First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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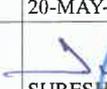
TC-12626

**Test Report
(Environment)**

Matrix: Waste Water

Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Cooling Tower		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240510005897
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626

Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Organoleptic & Physical parameters				
1.1	Colour	CU	< 5	Acceptable Limit : 5 max Permissible Limit : 15 max	IS 3025 (Part-4) 1983 (RA 2017)
1.2	Odour	--	Agreeable	Agreeable	IS 3025 (Part-5) 2018
1.3	pH value	--	7.0	Acceptable Limit : 6.5-8.5 Permissible Limit : 6.5-8.5	IS 3025 (Part-11) 1983 (RA 2017)
1.4	Taste	--	Agreeable	Agreeable	IS 3025 (Part-7) 1984 (RA 2017)
1.5	Turbidity	NTU	Below Detection Limit of 0.1	Acceptable Limit : 1 max Permissible Limit : 5 max	IS 3025 (Part-10) 1984 (RA 2017)
1.6	Total dissolved solids	mg/l	390	Acceptable Limit : 500 max Permissible Limit : 2000 max	IS 3025 (Part-16) 1984 (RA 2017)
2	General Parameters Concerning Substances Undesirable in Excessive Amounts				
2.1	Aluminium (as Al)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.03 max Permissible Limit : 0.2 max	IS 3025 (Part-2) 2004 (RA 2019)
2.2	Ammonia (as Total ammonia-N)	mg/l	Below Detection Limit of 0.25	Acceptable Limit : 0.5 max Permissible Limit : 0.5 max	IS 3025 (Part-34) 1988 (RA 2019)
2.3	Anionic detergents (as MBAS)	mg/l	Below Detection	Acceptable Limit : 0.2 max Permissible Limit : 1.0 max	Annex K of IS 13428 : 2005

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M, Assistant Manager (Emp. ID. 793)	Authorized On	29-MAY-2024
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 Tel : +91-80-2801 5333 Email : info@shivaanalytics.com Website : www.shivaanalytics.com
 CIN : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

TC-12626

Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

Sl. No.	Parameter	Unit	Result	Acceptance Limit	Permissible Limit	Standard
2.4	Barium (as Ba)	mg/l	Limit of 0.1 Below Detection Limit of 0.1	0.7 max	0.7 max	IS 3025 (Part-2) 2004 (RA 2019)
2.5	Boron (as B)	mg/l	Limit of 0.1 Below Detection Limit of 0.1	0.5 max	2.4 max	IS 3025 (Part-2) 2004 (RA 2019)
2.6	Calcium (as Ca)	mg/l	34.5	75 max	200 max	IS 3025 (Part-2) 2004 (RA 2019)
2.7	Chloramines (as Cl ₂)	mg/l	Limit of 0.1 Below Detection Limit of 0.1	4.0 max	4.0 max	IS 3025 (Part-26) 1986 (RA 2019)
2.8	Chloride (as Cl)	mg/l	102	250 max	1000 max	IS 3025 (Part-32) 1988 (RA 2019)
2.9	Copper (as Cu)	mg/l	Limit of 0.01 Below Detection Limit of 0.01	0.05 max	1.5 max	IS 3025 (Part-2) 2004 (RA 2019)
2.10	Fluoride (as F)	mg/l	Limit of 0.1 Below Detection Limit of 0.1	1.0 max	1.5 max	IS 3025 (Part-60) 2008 (RA 2019)
2.11	Residual Chlorine	mg/l	Limit of 0.05 Below Detection Limit of 0.05	0.2 min	1.0 min	IS 3025 (Part-26) 1986 (RA 2019)

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO, M. (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

2.12	Iron (as Fe)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 1.0 max Permissible Limit : 1.0 max	IS 3025 (Part-2) 2004 (RA 2019)
2.13	Magnesium (as Mg)	mg/l	27	Acceptable limit : 30 max Permissible Limit : 100 max	IS 3025 (Part-2) 2004 (RA 2019)
2.14	Manganese (as Mn)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.3 max	IS 3025 (Part-2) 2004 (RA 2019)
2.15	Mineral oil	mg/l	Below detection limit of 0.5	Acceptable Limit : 1.0 max Permissible Limit : 1.0 max	IS 3025 (Part-39) 1991 (RA 2019)
2.16	Nitrate (as NO ₃)	mg/l	4	Acceptable Limit : 45 max Permissible Limit : 45 max	APHA 23rd Edition (P-4500 NO3.B) 2017
2.17	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	Below Detection Limit of 0.001	Acceptable Limit : 0.001 max Permissible Limit : 0.002 max	IS 3025 (Part-43) 1992 (RA 2019)
2.18	Selenium (as Se)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS 3025 (Part-65) 2014 (RA 2019)
2.19	Silver (as Ag)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	IS 3025 (Part-2) 2019 (RA 2019)
2.20	Sulphate (as SO ₄)	mg/l	28	Acceptable Limit : 200 max Permissible Limit : 400 max	IS 3025 (Part-24) 1986 (RA 2019)
2.21	Sulphide (as H ₂ S)	mg/l	Below	Acceptable Limit : 0.05 max	IS 3025 (Part-29) 1986 (RA 2019)

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

			Detection Limit of 0.025	Permissible Limit : 0.05 max	2019)
2.22	Total alkalinity (as CaCO ₃)	mg/l	172	Acceptable Limit : 200 max Permissible Limit : 600 max	IS 3025 (Part-23) 1986 (RA 2019)
2.23	Total hardness (as CaCO ₃)	mg/l	198	Acceptable Limit : 200 max Permissible Limit : 600 max	IS 3025 (Part-21) 2009 (RA 2019)
2.24	Zinc (as Zn)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 5 max Permissible Limit : 15 max	IS 3025 (Part-2) 2004 (RA 2019)
3	Parameters Concerning Toxic Substances				
3.1	Cadmium (as Cd)	mg/l	Below Detection Limit of 0.001	Acceptable Limit : 0.003 max Permissible Limit : 0.003 max	EPA 200.8
3.2	Cyanide (as CN)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.05 max Permissible Limit : 0.05 max	APHA 23rd Edition (P-4500 CN.E) 2017
3.3	Lead (as Pb)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS 3025 (Part-2) 2004 (RA 2019)
3.4	Mercury (as Hg)	mg/l	Below Detection Limit of 0.0005	Acceptable Limit : 0.001 max Permissible Limit : 0.001 max	EPA 200.8
3.5	Molybdenum (as Mo)	mg/l	Below	Acceptable Limit : 0.07 max	IS 3025 (Part-2) 2004 (RA

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

			Detection Limit of 0.05	Permissible Limit : 0.07 max	2019)
3.6	Nickel (as Ni)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.02 max Permissible Limit : 0.02 max	IS 3025 (Part-65) 2014 (RA 2019)
3.7	Polychlorinated biphenyls (as PCB)	mg/l	Below Detection Limit of 0.0001	Acceptable Limit : 0.0005 max Permissible Limit : 0.0005 max	APHA 23rd Edition (P-6630C) 2017
3.8	Polynuclear aromatic hydrocarbons (as PAH)	mg/l	Below Detection Limit of 0.0001	Acceptable Limit : 0.0001 max Permissible Limit : 0.0001 max	APHA 23rd Edition (P-6440B) 2017
3.9	Arsenic (as As)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS3025 (Part-65): 2014
3.10	Chromium (as Cr)	mg/l	Below Detection Limit of 0.01	Acceptable limit : 0.05 max Permissible Limit : 0.05 max	IS 3025 (Part-2) 2004 (RA 2019)
3.11	Trihalomethanes				APHA 23rd Edition (P-6232C) 2017
3.11.1	Bromoform	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	APHA 23rd Edition (P-6232C) 2017
3.11.2	Dibromochloromethane	mg/l	Below	Acceptable Limit : 0.1 max	APHA 23rd Edition

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID: 737)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

			Detection Limit of 0.05	Permissible Limit : 0.1 max	(P-6232C) 2017
3.11.3	Bromodichloromethane	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.06 max Permissible Limit : 0.06 max	APHA 23rd Edition (P-6232C) 2017
3.11.4	Chloroform	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.2 max Permissible Limit : 0.2 max	APHA 23rd Edition (P-6232C) 2017

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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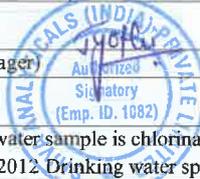


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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	TWAD Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005898
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Microbiology				
1.1	E.Coli	/100ml	Absent	Absent	IS 15185 :2016
1.2	Coliform Bacteria	/100ml	Absent	Absent	IS 15185 :2016

Authorized Signatory: Jyothi.Bachina (Assistant Manager) Authorized On: 17-MAY-2024



Note: Residual chlorine test is applicable only when water sample is chlorinated.
The requirement mentioned here is as per IS 10500 : 2012 Drinking water specification.

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Organoleptic & Physical parameters				
1.1	Colour	CU	< 5	Acceptable Limit : 5 max Permissible Limit : 15 max	IS 3025 (Part-4) 1983 (RA 2017)
1.2	Odour	--	Agreeable	Agreeable	IS 3025 (Part-5) 2018
1.3	pH value	--	7.0	Acceptable Limit : 6.5-8.5 Permissible Limit : 6.5-8.5	IS 3025 (Part-11) 1983 (RA 2017)
1.4	Taste	--	Agreeable	Agreeable	IS 3025 (Part-7) 1984 (RA 2017)
1.5	Turbidity	NTU	0.2	Acceptable Limit : 1 max Permissible Limit : 5 max	IS 3025 (Part-10) 1984 (RA 2017)
1.6	Total dissolved solids	mg/l	696	Acceptable Limit : 500 max Permissible Limit : 2000 max	IS 3025 (Part-16) 1984 (RA 2017)
2	General Parameters Concerning Substances Undesirable in Excessive Amounts				
2.1	Aluminium (as Al)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.03 max Permissible Limit : 0.2 max	IS 3025 (Part-2) 2004 (RA 2019)
2.2	Ammonia (as Total ammonia-N)	mg/l	Below Detection Limit of 0.25	Acceptable Limit : 0.5 max Permissible Limit : 0.5 max	IS 3025 (Part-34) 1988 (RA 2019)
2.3	Anionic detergents (as MBAS)	mg/l	Below Detection Limit of 0.1	Acceptable Limit : 0.2 max Permissible Limit : 1.0 max	Annex K of IS 13428 : 2005

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

2.4	Barium (as Ba)	mg/l	Below Detection Limit of 0.1	Acceptance Limit : 0.7 max Permissible Limit : 0.7 max	IS 3025 (Part-2) 2004 (RA 2019)
2.5	Boron (as B)	mg/l	Below Detection Limit of 0.1	Acceptable limit : 0.5 max Permissible Limit : 2.4 max	IS 3025 (Part-2) 2004 (RA 2019)
2.6	Calcium (as Ca)	mg/l	112.3	Acceptable limit : 75 max Permissible Limit : 200 max	IS 3025 (Part-2) 2004 (RA 2019)
2.7	Chloramines (as Cl ₂)	mg/l	Below Detection Limit of 0.1	Acceptable Limit : 4.0 max Permissible Limit : 4.0 max	IS 3025 (Part-26) 1986 (RA 2019)
2.8	Chloride (as Cl)	mg/l	166	Acceptable Limit : 250 max Permissible Limit : 1000 max	IS 3025 (Part-32) 1988 (RA 2019)
2.9	Copper (as Cu)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.05 max Permissible Limit : 1.5 max	IS 3025 (Part-2) 2004 (RA 2019)
2.10	Fluoride (as F)	mg/l	0.1	Acceptable Limit : 1.0 max Permissible Limit : 1.5 max	IS 3025 (Part-60) 2008 (RA 2019)
2.11	Residual Chlorine	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.2 min Permissible Limit : 1.0 min	IS 3025 (Part-26) 1986 (RA 2019)
2.12	Iron (as Fe)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 1.0 max Permissible Limit : 1.0 max	IS 3025 (Part-2) 2004 (RA 2019)

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

2.13	Magnesium (as Mg)	mg/l	34	Acceptable limit : 30 max Permissible Limit : 100 max	IS 3025 (Part-2) 2004 (RA 2019)
2.14	Manganese (as Mn)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.3 max	IS 3025 (Part-2) 2004 (RA 2019)
2.15	Mineral oil	mg/l	Below detection limit of 0.5	Acceptable Limit : 1.0 max Permissible Limit : 1.0 max	IS 3025 (Part-39) 1991 (RA 2019)
2.16	Nitrate (as NO ₃)	mg/l	12	Acceptable Limit : 45 max Permissible Limit : 45 max	APHA 23rd Edition (P-4500 NO3.B) 2017
2.17	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	Below Detection Limit of 0.001	Acceptable Limit : 0.001 max Permissible Limit : 0.002 max	IS 3025 (Part-43) 1992 (RA 2019)
2.18	Selenium (as Se)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS 3025 (Part-65) 2014 (RA 2019)
2.19	Silver (as Ag)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	IS 3025 (Part-2) 2019 (RA 2019)
2.20	Sulphate (as SO ₄)	mg/l	28	Acceptable Limit : 200 max Permissible Limit : 400 max	IS 3025 (Part-24) 1986 (RA 2019)
2.21	Sulphide (as H ₂ S)	mg/l	Below Detection Limit of 0.025	Acceptable Limit : 0.05 max Permissible Limit : 0.05 max	IS 3025 (Part-29) 1986 (RA 2019)
2.22	Total alkalinity (as	mg/l	318	Acceptable Limit : 200 max	IS 3025 (Part-23) 1986 (RA

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

2.23	CaCO ₃ Total hardness (as CaCO ₃)	mg/l	417	Permissible Limit : 600 max Acceptable Limit : 200 max Permissible Limit : 600 max	2019) IS 3025 (Part-21) 2009 (RA 2019)
2.24	Zinc (as Zn)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 5 max Permissible Limit : 15 max	IS 3025 (Part-2) 2004 (RA 2019)
3	Parameters Concerning Toxic Substances				
3.1	Cadmium (as Cd)	mg/l	Below Detection Limit of 0.001	Acceptable Limit : 0.003 max Permissible Limit : 0.003 max	EPA 200.8
3.2	Cyanide (as CN)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.05 max Permissible Limit : 0.05 max	APHA 23rd Edition (P-4500 CN.E) 2017
3.3	Lead (as Pb)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS 3025 (Part-2) 2004 (RA 2019)
3.4	Mercury (as Hg)	mg/l	Below Detection Limit of 0.0005	Acceptable Limit : 0.001 max Permissible Limit : 0.001 max	EPA 200.8
3.5	Molybdenum (as Mo)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.07 max Permissible Limit : 0.07 max	IS 3025 (Part-2) 2004 (RA 2019)
3.6	Nickel (as Ni)	mg/l	Below	Acceptable Limit : 0.02 max	IS 3025 (Part-65) 2014 (RA

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO, M. (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

No.	Parameter	Unit	Detection Limit of	Permissible Limit : 0.02 max	2019)
3.7	Polychlorinated biphenyls (as PCB)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.0005 max Permissible Limit : 0.0005 max	APHA 23rd Edition (P-6630C) 2017
3.8	Polynuclear aromatic hydrocarbons (as PAH)	mg/l	Below Detection Limit of 0.0001	Acceptable Limit : 0.0001 max Permissible Limit : 0.0001 max	APHA 23rd Edition (P-6440B) 2017
3.9	Arsenic (as As)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS3025 (Part-65): 2014
3.10	Chromium (as Cr)	mg/l	Below Detection Limit of 0.01	Acceptable limit : 0.05 max Permissible Limit : 0.05 max	IS 3025 (Part-2) 2004 (RA 2019)
3.11	Trihalomethanes				APHA 23rd Edition (P-6232C) 2017
3.11.1	Bromoform	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	APHA 23rd Edition (P-6232C) 2017
3.11.2	Dibromochloromethane	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	APHA 23rd Edition (P-6232C) 2017
3.11.3	Bromodichloromethane	mg/l	Below	Acceptable Limit : 0.06 max	APHA 23rd Edition

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID, 793)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

Sl. No.	Parameter	Unit	Detection Limit	Permissible Limit	Standard Reference
3.11.4	Chloroform	mg/l	0.05	0.06 max	(P-6232C) 2017
			Below Detection Limit of 0.05	Acceptable Limit : 0.2 max Permissible Limit : 0.2 max	APHA 23rd Edition (P-6232C) 2017

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager) <i>(Emp. ID: 793)</i>	Authorized On	29-MAY-2024
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Test Report
(Environment)

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Borewell Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Microbiology				
1.1	E.Coli	/100ml	Absent	Absent	IS 15185 :2016
1.2	Coliform Bacteria	/100ml	Absent	Absent	IS 15185 :2016

Authorized Signatory: Jyothi.Bachina (Assistant Manager)  Authorized On: 17-MAY-2024

Note: Residual chlorine test is applicable only when water sample is chlorinated.
The requirement mentioned here is as per IS 10500 : 2012 Drinking water specification.

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Organoleptic & Physical parameters				
1.1	Colour	CU	< 5	Acceptable Limit : 5 max Permissible Limit : 15 max	IS 3025 (Part-4) 1983 (RA 2017)
1.2	Odour	--	Agreeable	Agreeable	IS 3025 (Part-5) 2018
1.3	pH value	--	7.5	Acceptable Limit : 6.5-8.5 Permissible Limit : 6.5-8.5	IS 3025 (Part-11) 1983 (RA 2017)
1.4	Taste	--	Agreeable	Agreeable	IS 3025 (Part-7) 1984 (RA 2017)
1.5	Turbidity	NTU	Below Detection Limit of 0.1	Acceptable Limit : 1 max Permissible Limit : 5 max	IS 3025 (Part-10) 1984 (RA 2017)
1.6	Total dissolved solids	mg/l	138	Acceptable Limit : 500 max Permissible Limit : 2000 max	IS 3025 (Part-16) 1984 (RA 2017)
2	General Parameters Concerning Substances Undesirable in Excessive Amounts				
2.1	Aluminium (as Al)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.03 max Permissible Limit : 0.2 max	IS 3025 (Part-2) 2004 (RA 2019)
2.2	Ammonia (as Total ammonia-N)	mg/l	Below Detection Limit of 0.25	Acceptable Limit : 0.5 max Permissible Limit : 0.5 max	IS 3025 (Part-34) 1988 (RA 2019)
2.3	Anionic detergents (as MBAS)	mg/l	Below Detection	Acceptable Limit : 0.2 max Permissible Limit : 1.0 max	Annex K of IS 13428 : 2005

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

Sl. No.	Parameter	Unit	Result	Acceptance Limit	Permissible Limit	Standard
2.4	Barium (as Ba)	mg/l	Below Detection Limit of 0.1	0.7 max	0.7 max	IS 3025 (Part-2) 2004 (RA 2019)
2.5	Boron (as B)	mg/l	Below Detection Limit of 0.1	0.5 max	2.4 max	IS 3025 (Part-2) 2004 (RA 2019)
2.6	Calcium (as Ca)	mg/l	22.2	75 max	200 max	IS 3025 (Part-2) 2004 (RA 2019)
2.7	Chloramines (as Cl ₂)	mg/l	Below Detection Limit of 0.1	4.0 max	4.0 max	IS 3025 (Part-26) 1986 (RA 2019)
2.8	Chloride (as Cl)	mg/l	28	250 max	1000 max	IS 3025 (Part-32) 1988 (RA 2019)
2.9	Copper (as Cu)	mg/l	Below Detection Limit of 0.01	0.05 max	1.5 max	IS 3025 (Part-2) 2004 (RA 2019)
2.10	Fluoride (as F)	mg/l	Below Detection Limit of 0.1	1.0 max	1.5 max	IS 3025 (Part-60) 2008 (RA 2019)
2.11	Residual Chlorine	mg/l	Below Detection Limit of 0.05	0.2 min	1.0 min	IS 3025 (Part-26) 1986 (RA 2019)

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

2.12	Iron (as Fe)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 1.0 max Permissible Limit : 1.0 max	IS 3025 (Part-2) 2004 (RA 2019)
2.13	Magnesium (as Mg)	mg/l	4	Acceptable limit : 30 max Permissible Limit : 100 max	IS 3025 (Part-2) 2004 (RA 2019)
2.14	Manganese (as Mn)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.3 max	IS 3025 (Part-2) 2004 (RA 2019)
2.15	Mineral oil	mg/l	Below detection limit of 0.5	Acceptable Limit : 1.0 max Permissible Limit : 1.0 max	IS 3025 (Part-39) 1991 (RA 2019)
2.16	Nitrate (as NO ₃)	mg/l	3	Acceptable Limit : 45 max Permissible Limit : 45 max	APHA 23rd Edition (P-4500 NO3.B) 2017
2.17	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	Below Detection Limit of 0.001	Acceptable Limit : 0.001 max Permissible Limit : 0.002 max	IS 3025 (Part-43) 1992 (RA 2019)
2.18	Selenium (as Se)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS 3025 (Part-65) 2014 (RA 2019)
2.19	Silver (as Ag)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	IS 3025 (Part-2) 2019 (RA 2019)
2.20	Sulphate (as SO ₄)	mg/l	12	Acceptable Limit : 200 max Permissible Limit : 400 max	IS 3025 (Part-24) 1986 (RA 2019)
2.21	Sulphide (as H ₂ S)	mg/l	Below	Acceptable Limit : 0.05 max	IS 3025 (Part-29) 1986 (RA 2019)

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

Sl. No.	Parameter	Unit	Detection Limit	Permissible Limit	Standard Reference
			0.025	0.05 max	2019)
2.22	Total alkalinity (as CaCO ₃)	mg/l	73	Acceptable Limit : 200 max Permissible Limit : 600 max	IS 3025 (Part-23) 1986 (RA 2019)
2.23	Total hardness (as CaCO ₃)	mg/l	42	Acceptable Limit : 200 max Permissible Limit : 600 max	IS 3025 (Part-21) 2009 (RA 2019)
2.24	Zinc (as Zn)	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 5 max Permissible Limit : 15 max	IS 3025 (Part-2) 2004 (RA 2019)
3	Parameters Concerning Toxic Substances				
3.1	Cadmium (as Cd)	mg/l	Below Detection Limit of 0.001	Acceptable Limit : 0.003 max Permissible Limit : 0.003 max	EPA 200.8
3.2	Cyanide (as CN)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.05 max Permissible Limit : 0.05 max	APHA 23rd Edition (P-4500 CN.E) 2017
3.3	Lead (as Pb)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS 3025 (Part-2) 2004 (RA 2019)
3.4	Mercury (as Hg)	mg/l	Below Detection Limit of 0.0005	Acceptable Limit : 0.001 max Permissible Limit : 0.001 max	EPA 200.8
3.5	Molybdenum (as Mo)	mg/l	Below	Acceptable Limit : 0.07 max	IS 3025 (Part-2) 2004 (RA

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

			Detection Limit of 0.05	Permissible Limit : 0.07 max	2019)
3.6	Nickel (as Ni)	mg/l	Below Detection Limit of 0.01	Acceptable Limit : 0.02 max Permissible Limit : 0.02 max	IS 3025 (Part-65) 2014 (RA 2019)
3.7	Polychlorinated biphenyls (as PCB)	mg/l	Below Detection Limit of 0.0001	Acceptable Limit : 0.0005 max Permissible Limit : 0.0005 max	APHA 23rd Edition (P-6630C) 2017
3.8	Polynuclear aromatic hydrocarbons (as PAH)	mg/l	Below Detection Limit of 0.0001	Acceptable Limit : 0.0001 max Permissible Limit : 0.0001 max	APHA 23rd Edition (P-6440B) 2017
3.9	Arsenic (as As)	mg/l	Below Detection Limit of 0.005	Acceptable Limit : 0.01 max Permissible Limit : 0.01 max	IS3025 (Part-65): 2014
3.10	Chromium (as Cr)	mg/l	Below Detection Limit of 0.01	Acceptable limit : 0.05 max Permissible Limit : 0.05 max	IS 3025 (Part-2) 2004 (RA 2019)
3.11	Trihalomethanes				APHA 23rd Edition (P-6232C) 2017
3.11.1	Bromoform	mg/l	Below Detection Limit of 0.05	Acceptable Limit : 0.1 max Permissible Limit : 0.1 max	APHA 23rd Edition (P-6232C) 2017
3.11.2	Dibromochloromethane	mg/l	Below	Acceptable Limit : 0.1 max	APHA 23rd Edition

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

Sl. No.	Parameter	Unit	Detection Limit	Permissible Limit	Standard
3.11.3	Bromodichloromethane	mg/l	Below Detection Limit of 0.05	Permissible Limit : 0.1 max Acceptable Limit : 0.06 max Permissible Limit : 0.06 max	(P-6232C) 2017 APHA 23rd Edition (P-6232C) 2017
3.11.4	Chloroform	mg/l	Below Detection Limit of 0.05	Permissible Limit : 0.2 max Acceptable Limit : 0.2 max	APHA 23rd Edition (P-6232C) 2017

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID: 797)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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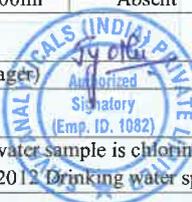


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**Test Report
(Environment)**

Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	RO Drinking Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005900
Group	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Microbiology				
1.1	E.Coli	/100ml	Absent	Absent	IS 15185 :2016
1.2	Coliform Bacteria	/100ml	Absent	Absent	IS 15185 :2016

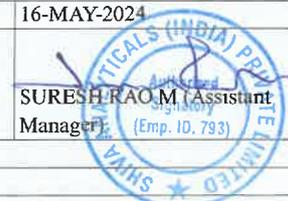
Authorized Signatory: Jyothi.Bachina (Assistant Manager)  Authorized On: 17-MAY-2024

Note: Residual chlorine test is applicable only when water sample is chlorinated.
 The requirement mentioned here is as per IS 10500 : 2012 Drinking water specification.

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 1 (For Gardening)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005903
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Temperature	°C	26	Shall not exceed 5°C above the receiving water temperature.	IS 3025 (Part-9) 1983
2	pH Value	--	8.0	5.5 - 9.0 max	IS 3025 (Part-11) 1983
3	Total Dissolved Solids	mg/l	1430	Not specified	IS 3025 (Part-16): 1984
4	Suspended solids	mg/l	Below detection limit of 5	100 max	IS 3025 (Part-17): 2022
5	Chloride	mg/l	297	Not specified	IS 3025 (Part-32): 1988
6	Sulphate	mg/l	153	Not specified	IS 3025 (Part-24): 1986
7	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	30 max	IS 3025(Part-44)1993
8	Chemical Oxygen Demand	mg/l	6	250 max	APHA 23rd Edition (P-5220B): 2017
9	Oil and grease	mg/l	Below detection limit of 5	10 max	IS 3025 (Part-39) 2021
10	Fluoride(as F)	mg/l	1.0	2 max	IS 3025(Part-60):2008
11	Sulphide (as S)	mg/l	Below detection limit of 0.1	2 max	IS 3025 (Part-29): 2022
12	Copper (as Cu)	mg/l	Below detection limit of 0.05	3 max	IS 3025 (Part-2): 2019
13	Boron (as B)	mg/l	0.54	Not specified	IS 3025 (Part -2):2019
14	Cadmium (as Cd)	mg/l	Below detection	2 max	IS 3025 (Part-2): 2019

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 1 (For Gardening)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005903
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Sl. No.	Parameter	Unit	Limit	Result	Standard
15	Zinc (as Zn)	mg/l	limit of 0.01 Below detection limit of 0.05	5 max	IS 3025 (Part-2) 2019
16	Nickel (as Ni)	mg/l	0.03	3 max	IS 3025 (Part-2) 2019
17	Cyanide (as CN)	mg/l	Below detection limit of 0.01	0.2 max	APHA 23rd Edition (P-4500 CN.E): 2017
18	Total Chromium (as Cr)	mg/l	Below detection limit of 0.01	2 max	IS 3025 (Part-2): 2019
19	Hexavalent Chromium (as Cr+6)	mg/l	Below detection limit of 0.01	0.1 max	IS 3025 (Part-2):2019
20	Lead (as Pb)	mg/l	Below detection limit of 0.01	0.1 max	IS 3025 (Part-2) 2019
21	Selenium (as Se)	mg/l	Below detection limit of 0.01	0.05 max	IS 3025 (Part-2) 2019
22	Arsenic (as As)	mg/l	Below detection limit of	0.2 max	IS 3025 (Part-2): 2004

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M. (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 1 (For Gardening)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005903
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.No.	Parameter	Unit	Result	Limit	Standard
23	Mercury (as Hg)	mg/l	0.01	Below detection limit of 0.001	IS 3025(Part-2):2019
24	Total Residual Chlorine	mg/l	0.01 max	Below detection limit of 0.1	IS 3025 (Part-26) 2021
25	Ammonical Nitrogen	mg/l	1.5	50 max	IS 3025 (Part-34) 1988
26	Percent Sodium	mg/l	52.9	Not specified	IS 3025 (Part 2): 2019 & By Calculation

Note: The requirement mentioned here are permissible limits as per PCB consent

Terms And Conditions

S.No.	Description
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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M. (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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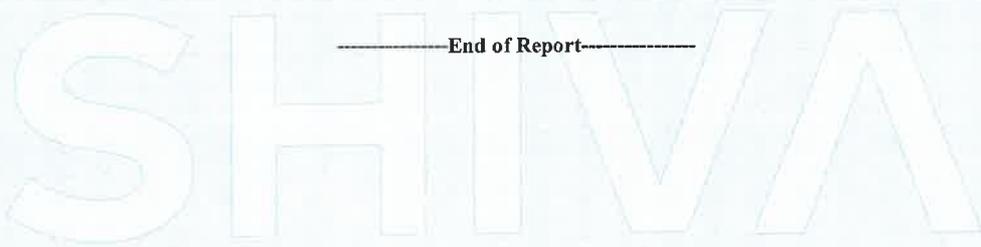


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**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 1 (For Gardening)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005903
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

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



First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005904
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Temperature	°C	26	Shall not exceed 5°C above the receiving water temperature.	IS 3025 (Part-9) 1983
2	pH Value	--	8.0	5.5 - 9.0 max	IS 3025 (Part-11) 1983
3	Total Dissolved Solids	mg/l	1395	Not specified	IS 3025 (Part-16): 1984
4	Suspended solids	mg/l	Below detection limit of 5	100 max	IS 3025 (Part-17): 2022
5	Chloride	mg/l	312	Not specified	IS 3025 (Part-32): 1988
6	Sulphate	mg/l	151	Not specified	IS 3025 (Part-24): 1986
7	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	Below detection limit of 1	30 max	IS 3025(Part-44)1993
8	Chemical Oxygen Demand	mg/l	4	250 max	APHA 23rd Edition (P-5220B): 2017
9	Oil and grease	mg/l	Below detection limit of 5	10 max	IS 3025 (Part-39) 2021
10	Fluoride(as F)	mg/l	1.1	2 max	IS 3025(Part-60):2008
11	Sulphide (as S)	mg/l	Below detection limit of 0.1	2 max	IS 3025 (Part-29): 2022
12	Copper (as Cu)	mg/l	Below detection limit of 0.05	3 max	IS 3025 (Part-2): 2019
13	Boron (as B)	mg/l	0.55	Not specified	IS 3025 (Part -2):2019
14	Cadmium (as Cd)	mg/l	Below detection	2 max	IS 3025 (Part-2): 2019

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005904
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

No.	Parameter	Unit	Limit of	Result	Standard
15	Zinc (as Zn)	mg/l	0.01 Below detection limit of	5 max	IS 3025 (Part-2) 2019
16	Nickel (as Ni)	mg/l	0.02 Below detection limit of	3 max	IS 3025 (Part-2) 2019
17	Cyanide (as CN)	mg/l	0.01 Below detection limit of	0.2 max	APHA 23rd Edition (P-4500 CN.E): 2017
18	Total Chromium (as Cr)	mg/l	0.01 Below detection limit of	2 max	IS 3025 (Part-2): 2019
19	Hexavalent Chromium (as Cr+6)	mg/l	0.01 Below detection limit of	0.1 max	IS 3025 (Part-2):2019
20	Lead (as Pb)	mg/l	0.01 Below detection limit of	0.1 max	IS 3025 (Part-2) 2019
21	Selenium (as Se)	mg/l	0.01 Below detection limit of	0.05 max	IS 3025 (Part-2) 2019
22	Arsenic (as As)	mg/l	0.01 Below detection limit of	0.2 max	IS 3025 (Part-2): 2004

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp ID: 753)	Authorized On	29-MAY-2024
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Test Report (Environment)

Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005904
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.No.	Parameter	Unit	Result	Limit	Standard
23	Mercury (as Hg)	mg/l	0.01	0.01 max	IS 3025(Part-2):2019
			Below detection limit of 0.001		
24	Total Residual Chlorine	mg/l	1.8	1 max	IS 3025 (Part-26) 2021
			Below detection limit of 0.1		
25	Ammonical Nitrogen	mg/l	52.7	50 max	IS 3025 (Part-34) 1988
26	Percent Sodium	mg/l		Not specified	IS 3025 (Part 2): 2019 & By Calculation

Note: The requirement mentioned here are permissible limits as per PCB consent

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005904
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

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

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First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Trade Effluent - 1 RO Permeate & Evaporation Condensate Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005905
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Temperature	°C	26	Shall not exceed 5°C above the receiving water temperature.	IS 3025 (Part-9) 1983
2	pH Value	--	7.7	5.5 - 9.0 max	IS 3025 (Part-11) 1983
3	Total Dissolved Solids	mg/l	174	Not specified	IS 3025 (Part-16): 1984
4	Suspended solids	mg/l	14	100 max	IS 3025 (Part-17): 2022
5	Chloride	mg/l	45	Not specified	IS 3025 (Part-32): 1988
6	Sulphate	mg/l	13	Not specified	IS 3025 (Part-24): 1986
7	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	15	30 max	IS 3025(Part-44)1993
8	Chemical Oxygen Demand	mg/l	40	250 max	APHA 23rd Edition (P-5220B): 2017
9	Oil and grease	mg/l	Below detection limit of 5	10 max	IS 3025 (Part-39) 2021
10	Fluoride(as F)	mg/l	Below detection limit of 0.1	2 max	IS 3025(Part-60):2008
11	Sulphide (as S)	mg/l	Below detection limit of 0.1	2 max	IS 3025 (Part-29): 2022
12	Copper (as Cu)	mg/l	Below detection limit of 0.05	3 max	IS 3025 (Part-2): 2019
13	Boron (as B)	mg/l	0.08	Not specified	IS 3025 (Part -2):2019
14	Cadmium (as Cd)	mg/l	Below detection limit of	2 max	IS 3025 (Part-2): 2019

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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**Test Report
(Environment)**

Matrix: Waste Water

Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Trade Effluent - I RO Permeate & Evaporation Condensate Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005905
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Sl. No.	Parameter	Unit	Limit	Result	Standard
15	Zinc (as Zn)	mg/l	0.01 Below detection limit of 0.05	5 max	IS 3025 (Part-2) 2019
16	Nickel (as Ni)	mg/l	0.37	3 max	IS 3025 (Part-2) 2019
17	Cyanide (as CN)	mg/l	Below detection limit of 0.01	0.2 max	APHA 23rd Edition (P-4500 CN.E): 2017
18	Total Chromium (as Cr)	mg/l	Below detection limit of 0.01	2 max	IS 3025 (Part-2): 2019
19	Hexavalent Chromium (as Cr+6)	mg/l	Below detection limit of 0.01	0.1 max	IS 3025 (Part-2):2019
20	Lead (as Pb)	mg/l	Below detection limit of 0.01	0.1 max	IS 3025 (Part-2) 2019
21	Selenium (as Se)	mg/l	Below detection limit of 0.01	0.05 max	IS 3025 (Part-2) 2019
22	Arsenic (as As)	mg/l	Below detection limit of 0.01	0.2 max	IS 3025 (Part-2): 2004

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M. (Assistant Manager)	Authorized On	29-MAY-2024
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Trade Effluent - 1 RO Permeate & Evaporation Condensate Water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005905
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

23	Mercury (as Hg)	mg/l	Below detection limit of 0.001	0.01 max	IS 3025(Part-2):2019
24	Total Residual Chlorine	mg/l	Below detection limit of 0.1	1 max	IS 3025 (Part-26) 2021
25	Ammonical Nitrogen	mg/l	1.9	50 max	IS 3025 (Part-34) 1988
26	Percent Sodium	mg/l	76.8	Not specified	IS 3025 (Part 2): 2019 & By Calculation

Note: The requirement mentioned here are permissible limits as per PCB consent

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO M. (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Trade Effluent - 2 Evaporator Concentrate water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005906
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	30-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	30-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Temperature	°C	26	Shall not exceed 5°C above the receiving water temperature.	IS 3025 (Part-9) 1983
2	pH Value	--	5.1	5.5 - 9.0 max	IS 3025 (Part-11) 1983
3	Total Dissolved Solids	mg/l	298750	Not specified	IS 3025 (Part-16): 1984
4	Suspended solids	mg/l	27590	100 max	IS 3025 (Part-17): 2022
5	Chloride	mg/l	6331	Not specified	IS 3025 (Part-32): 1988
6	Sulphate	mg/l	17024	Not specified	IS 3025 (Part-24): 1986
7	Biochemical oxygen demand (for 3 days @ 27°C)	mg/l	7000	30 max	IS 3025(Part-44)1993
8	Chemical Oxygen Demand	mg/l	17600	250 max	APHA 23rd Edition (P-5220B): 2017
9	Oil and grease	mg/l	30	10 max	IS 3025 (Part-39) 2021
10	Fluoride(as F)	mg/l	Below detection limit of 0.1	2 max	IS 3025(Part-60):2008
11	Sulphide (as S)	mg/l	Below detection limit of 0.1	2 max	IS 3025 (Part-29): 2022
12	Copper (as Cu)	mg/l	1.76	3 max	IS 3025 (Part-2): 2019
13	Boron (as B)	mg/l	39.66	Not specified	IS 3025 (Part -2):2019
14	Cadmium (as Cd)	mg/l	Below detection limit of 0.01	2 max	IS 3025 (Part-2): 2019
15	Zinc (as Zn)	mg/l	6.29	5 max	IS 3025 (Part-2) 2019
16	Nickel (as Ni)	mg/l	30.96	3 max	IS 3025 (Part-2) 2019
17	Cyanide (as CN)	mg/l	Below detection limit of	0.2 max	APHA 23rd Edition (P-4500 CN.E): 2017

Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	30-MAY-2024
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**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Trade Effluent - 2 Evaporator Concentrate water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005906
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Klamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	30-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	30-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Sl. No.	Parameter	Unit	Result	Limit	Standard
18	Total Chromium (as Cr)	mg/l	0.01	2 max	IS 3025 (Part-2): 2019
19	Hexavalent Chromium (as Cr+6)	mg/l	0.36	0.1 max	IS 3025 (Part-2): 2019
20	Lead (as Pb)	mg/l	Below detection limit of 0.01	0.1 max	IS 3025 (Part-2) 2019
21	Selenium (as Se)	mg/l	Below detection limit of 0.01	0.05 max	IS 3025 (Part-2) 2019
22	Arsenic (as As)	mg/l	0.11	0.2 max	IS 3025 (Part-2): 2004
23	Mercury (as Hg)	mg/l	Below detection limit of 0.001	0.01 max	IS 3025(Part-2):2019
24	Total Residual Chlorine	mg/l	Below detection limit of 0.1	1 max	IS 3025 (Part-26) 2021
25	Ammonical Nitrogen	mg/l	193.0	50 max	IS 3025 (Part-34) 1988
26	Percent Sodium	mg/l	99.0	Not specified	IS 3025 (Part 2): 2019 & By Calculation

Note: The requirement mentioned here are permissible limits as per PCB consent

Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	30-MAY-2024
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS		
Sample Identification/Details:	Trade Effluent - 2 Evaporator Concentrate water		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005906
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	30-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	30-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Terms And Conditions

S.No.	Description
1	The results reported above pertains only to the tested samples and applicable parameters.
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7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	30-MAY-2024
Printed by: Venugopala.N		Printed on: 30-MAY-2024	
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Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLUENT ANALYSIS		
Sample Identification/Details:	Cooling Tower		
Discipline	Biological	Contract Agreement/Test Report.No.	05240510005907
Group	Pollution and Environment	Date of Sample Collection	09-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	10-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024
Location of Sample Collection	-	Date of End of Analysis	29-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

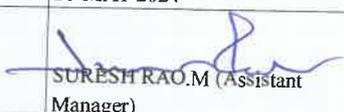
S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD
1	Legionella(Bacteria)	/Litre	Absent	Not Specified	SOP/MICRO/MOA/002

Authorized Signatory: Jyothi.Bachina (Assistant Manager)  Authorized On: 21-MAY-2024

Terms And Conditions

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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

First Test On	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	 SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Degreasing-1, Tank no.:3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006399
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.07	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	10.0	IS 3025 (P-39) 2021
3	pH value	--	9.8	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	9	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	11.60	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	4825	IS 3025 (P-23) 2023
7	Turbidity	NTU	6.3	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	41146	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	12280	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	2.6	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	357	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	2800	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	1100	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	650	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	BLQ of 0.1	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	1.40	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	196.02	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	13.18	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	0.25	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	3258.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	2.1	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.2	IS 3025 (P-2) 2019
28	Nitrate	mg/l	285	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Degreasing-1, Tank no.:3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006399
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 ---	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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

Authorized Signatory	 SURESH RAO M (Assistant Manager) (p. ID. 793)	Authorized On	31-MAY-2024
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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Alkaline Dip, Tank no.:7		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006400
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	Below detection limit of 0.05	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	13.4	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	17.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	9650	IS 3025 (P-23) 2023
7	Turbidity	NTU	0.7	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	7580	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	30400	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	10	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	150	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	50	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	2	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.36	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1291.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	4943.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	5.3	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	9	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M. (Assistant Manager)	Authorized On	31-MAY-2024
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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Alkaline Dip, Tank no.:7		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006400
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

Terms And Conditions

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

Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:10		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006401
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.31	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	0.6	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	116	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	200.0	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	1000	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	1236000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	21.2	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	30.8	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	613	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	450	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	150	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	BLQ of 1	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.4	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	9.63	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.26	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	107.38	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.14	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	8.1	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.1	IS 3025 (P-2) 2019
28	Nitrate	mg/l	164718	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M (Assistant Manager)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:10		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006401
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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Authorized Signatory	 SURESH RAO, M. (Assistant Manager)	Authorized On	31-MAY-2024
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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	CP, Tank no.:15		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240522006402
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	1.77	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	BLQ of 0.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	271680	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	354.0	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	1319880	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	2145000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	2.3	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	27.5	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	10466	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	64000	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	25000	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	73123	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	4.9	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	8.08	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	1.08	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1697.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.26	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	0.43	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	975.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	6.2	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	0.24	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	9363	IS 3025 (P-34) 1988

Authorized Signatory	<p>SURESH RAO M. (Assistant Manager)</p>	Authorized On	31-MAY-2024
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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	CP, Tank no.:15		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240522006402
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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

Authorized Signatory	 SURESH PRASAD M (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Hot Rinse, Tank no.:18		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240522006403
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	1.14	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	BLQ of 0.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	5290	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	8.70	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	70.6	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	78620	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	222000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	4.1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	13.3	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	1634	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	3200	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	1200	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	8209	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.5	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	6.03	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.09	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	951.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.21	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	0.10	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	447.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	1.9	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	0.10	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	279	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Hot Rinse, Tank no.:18		
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240522006403
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

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6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Activation, Tank no.:25		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006404
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.41	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	1.2	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	19.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	0.4	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	33950	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	35700	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	3.7	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	3.3	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	408	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	9619	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	3800	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	58	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	1.98	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.24	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	2.90	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	3228.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	2.8	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	664	IS 3025 (P-34) 1988

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TC-12526		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Activation, Tank no.:25		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006404
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

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TC-12626

Test Report (Environment)

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Anodizing, Tank no.:36		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006405
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.08	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	1.2	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	2.20	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	0.4	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	46220	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	388500	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	6.4	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	51.0	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	1072	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	1325	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	520	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	27512	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	BLQ of 0.1	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	4.42	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.26	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1612.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.10	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	5.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	1.3	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	6233	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Anodizing, Tank no.:36		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006405
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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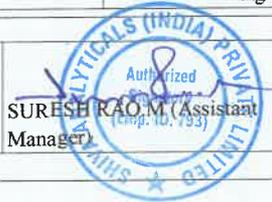


TC-12626

Test Report (Environment)

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Sealing, Tank no.:100		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006406
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.49	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	4.7	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	16.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	0.7	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	6630	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	4550	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	5.2	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	1.1	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	306	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	3467	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	1300	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	30	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.8	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	2.23	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.25	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	0.35	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.06	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	152.2	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	10.86	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	0.7	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	0.16	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	1767	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Sealing, Tank no.:100		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006406
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Blue Dye, Tank no.:83		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006407
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.50	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	4.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	10	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	18.80	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	5.7	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	3528	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	5910	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	4.7	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	204	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	1600	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	640	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	28	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	2.51	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	0.39	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.06	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	838.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	1.04	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	1.0	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	655	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Blue Dye, Tank no.:83		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006407
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

Terms And Conditions

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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Black Dye, Tank no.:82		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006408
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.52	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	4.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	12	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	13.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	9.9	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	5350	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	5150	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	22.0	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	3.6	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	613	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	4800	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	1900	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	BLQ of 1	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	3.0	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	6.81	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1.07	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.10	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	863.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	4.64	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	4.1	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.1	IS 3025 (P-2) 2019
28	Nitrate	mg/l	1454	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Black Dye, Tank no.:82		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006408
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 1	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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Test Report (Environment)			
TC-12626			
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Degreasing - 1, Tank no.:3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006409
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.43	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	60.0	IS 3025 (P-39) 2021
3	pH value	--	8.7	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	6	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	204.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	9650	IS 3025 (P-23) 2023
7	Turbidity	NTU	1.3	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	49630	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	33800	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	5.0	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	1.2	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	7045	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	10000	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	3900	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	4672	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.4	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	5.38	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	631.00	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	7.11	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.06	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	0.65	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	10292.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	5.4	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.6	IS 3025 (P-2) 2019
28	Nitrate	mg/l	2023	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M. (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Degreasing - 1, Tank no.:3		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006409
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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TC-12626

Test Report (Environment)			
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Alkaline Dip, Tank no.:7		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006410
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	Below detection limit of 0.05	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	12.6	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	10	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	12545	IS 3025 (P-23) 2023
7	Turbidity	NTU	2.6	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	13470	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	42500	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	306	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	160	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	62	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	32	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	0.06	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.36	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1376.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	6431.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	7.7	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	3	IS 3025 (P-34) 1988

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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Alkaline Dip, Tank no.:7		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006410
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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7	Any discrepancy in the Test Certificate should be notified within 30 days.

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:10		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006411
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.31	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	BLQ of 0.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	92	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	227.0	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	650	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	1287000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	2.3	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	21.3	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	1021	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	481	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	190	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	3	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	4.78	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.26	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	62.47	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.08	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	38.9	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	13.70	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	0.6	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.1	IS 3025 (P-2) 2019
28	Nitrate	mg/l	157447	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO.M (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:10		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006411
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	CP, Tank no.:15		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006412
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	2.81	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	BLQ of 0.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	282800	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	48.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	31.3	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	1590260	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	3872000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	2.1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	1.5	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	7658	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	32064	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	12000	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	59327	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	37.0	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	3.19	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	9.86	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	109.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.07	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	0.91	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	2286.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	13.9	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	1108	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	CP, Tank no.:15		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006412
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Hot Rinse, Tank no.:18		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006413
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.92	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	BLQ of 0.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	1876	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	10.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	157.0	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	56220	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	162700	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	13.1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	10.8	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	715	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	3655	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	1400	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	4746	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.4	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	4.34	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.16	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	628.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.17	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	342.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	1.9	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.1	IS 3025 (P-2) 2019
28	Nitrate	mg/l	12	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M (Assistant Signatory Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Hot Rinse, Tank no.:18		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006413
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Activation, Tank no.:25		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006414
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.40	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	1.2	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	4.30	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	0.7	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	39790	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	36400	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	6.3	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	3.6	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	919	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	5788	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	2300	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	72	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	1.88	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.06	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1.13	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	3242.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	4.3	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	5380	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Activation, Tank no.:25		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006414
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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Authorized Signatory	 SURESH RAD.M (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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Test Report (Environment)			
TC-12626			
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Anodizing, Tank no.:36		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006415
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.09	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	1.2	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	414.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	0.4	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	77740	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	349000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	6.9	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	73.3	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	1021	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	7214	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	2800	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	4364	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.3	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	5.38	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.35	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	2219.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.14	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	11.1	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	1.8	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.1	IS 3025 (P-2) 2019
28	Nitrate	mg/l	1285	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M (Assistant Manager) (mp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Anodizing, Tank no.:36		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006415
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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

Authorized Signatory	 SURESH RAO (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Sealing, Tank no.:99		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006416
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.49	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	4.8	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	8	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	4.30	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	2.3	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	6316	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	4210	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	3.6	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	1.2	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	18	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	8818	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	3500	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	22	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.9	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	2.49	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.12	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1.05	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.06	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	210.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	22.92	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	0.9	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	0.17	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	1880	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Sealing, Tank no.:99		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006416
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

Terms And Conditions

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6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Black Dye, Tank no.:84		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006417
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.64	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	4.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	10	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	5.6	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	7390	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	5230	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	10.8	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	3.3	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	225	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	28056	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	11000	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	BLQ of 1	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	2.8	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	3.20	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	0.93	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.11	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	907.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	2.53	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	6.2	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	0.1	IS 3025 (P-2) 2019
28	Nitrate	mg/l	65	IS 3025 (P-34) 1988

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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Black Dye, Tank no.:84		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006417
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:108		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006418
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	0.53	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	BLQ of 0.5	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	1.1	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	130	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	1029000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	4.1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	1.0	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	15	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	3206	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	1200	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	BLQ of 1	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.4	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	2.37	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.07	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1.78	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.06	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	7.2	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	0.99	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	0.7	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	134736	IS 3025 (P-34) 1988

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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:108		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006418
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 2	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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TC-12526

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	NE - Nitrate Etching, Tank no.:33		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006419
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 3	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	Below detection limit of 0.05	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	12.4	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	525	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	87.00	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	9168	IS 3025 (P-23) 2023
7	Turbidity	NTU	269.0	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	21590	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	25500	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	BLQ of 1	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	255	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	289	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	110	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	560	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.2	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.10	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	1201.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	5128.0	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	9.4	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	4644	IS 3025 (P-34) 1988

Authorized Signatory	 SURESH RAO (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water

Sample Reference Name:	Water Analysis		
Sample Identification/Details:	NE - Nitrate Etching, Tank no.:33		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006419
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 3	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

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Authorized Signatory	 SURESH RAO M (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
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TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AT - Anodizing treatment, Tank no.:16		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006420
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 4	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

S.NO.	TEST PARAMETER	UNIT	RESULT	TEST METHOD
1	Total Chromium (as Cr)	mg/l	1.13	IS 3025 (P-2) 2019
2	Oil & Grease	mg/l	BLQ of 5	IS 3025 (P-39) 2021
3	pH value	--	0.8	IS 3025 (P-11) 2022
4	Total suspended solids	mg/l	23	IS 3025 (P-17) 2022
5	Ammoniacal Nitrogen (as N)	mg/l	BLQ of 0.25	IS 3025 (P-34) 1988
6	Alkalinity (as CaCO ₃)	mg/l	BLQ of 1	IS 3025 (P-23) 2023
7	Turbidity	NTU	18.1	IS 3025 (P-10) 2023
8	Total dissolved solids	mg/l	141430	IS 3025 (P-16) 2023
9	Conductivity	µS/cm	122000	IS 3025 (P-14) 2013
10	Calcium (as Ca)	mg/l	2.9	IS 3025 (P-2) 2019
11	Magnesium (as Mg)	mg/l	39.3	IS 3025 (P-2) 2019
12	Chloride (as Cl)	mg/l	1481	IS 3025 (P-32) 1988
13	Chemical oxygen demand	mg/l	545	APHA 24th Edition (P-5220 B) 2022
14	Biochemical oxygen demand (3 days @ 27°C)	mg/l	210	IS 3025 (P-44) 2023
15	Sulphate (as SO ₄)	mg/l	BLQ of 1	IS 3025 (P-24 Sec:1) 2022
16	Silica (as SiO ₂)	mg/l	0.2	IS 3025 (P-2) 2019
17	Iron (as Fe)	mg/l	3.22	IS 3025 (P-2) 2019
18	Boron (as B)	mg/l	0.20	IS 3025 (P-2) 2019
19	Aluminium (as Al)	mg/l	2105.00	IS 3025 (P-2) 2019
20	Manganese (as Mn)	mg/l	0.08	IS 3025 (P-2) 2019
21	Arsenic (as As)	mg/l	0.25	IS 3025 (P-2) 2019
22	Sodium (as Na)	mg/l	45.4	IS 3025 (P-2) 2019
23	Barium (as Ba)	mg/l	BLQ of 0.5	IS 3025 (P-2) 2019
24	Potassium (as K)	mg/l	4.8	IS 3025 (P-2) 2019
25	Fluoride (as F)	mg/l	BLQ of 0.1	IS 3025 (P-60) 2008
26	Cobalt	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
27	Strontium (as Sr)	mg/l	BLQ of 0.05	IS 3025 (P-2) 2019
28	Nitrate	mg/l	14	IS 3025 (P-34) 1988

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TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AT - Anodizing treatment, Tank no.:16		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006420
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	ANO Line - 4	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	--

Remarks: BLQ-Below limit of quantification

Terms And Conditions

S.No.	Description
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5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
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7	Any discrepancy in the Test Certificate should be notified within 30 days.

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

Authorized Signatory	 SURESH R.A. M. (Assistant Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
Printed by: Venugopala.N		Printed on: 03-JUN-2024	
Copy No.: 1		Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			



TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AHU - 3 Condensate		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006421
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	BM - 3 West	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	Oil & Grease	mg/l	8.0	IS 3025 (P-39) 2021
2	pH value	--	8.3	IS 3025 (P-11) 2022
3	Total suspended solids	mg/l	BLQ of 5	IS 3025 (P-17) 2022
4	Total dissolved solids	mg/l	138	IS 3025 (P-16) 2023
5	Total hardness (as CaCO ₃)	mg/l	3	IS 3025 (P-21) 2009
6	Chemical oxygen demand	mg/l	1432	APHA 24th Edition (P-5220 B) 2022
7	Biochemical oxygen demand (3 days @ 27°C)	mg/l	550	IS 3025 (P-44) 2023
8	Silica (as SiO ₂)	mg/l	0.2	IS 3025 (P-2) 2019

Remarks: BLQ-Below limit of quantification

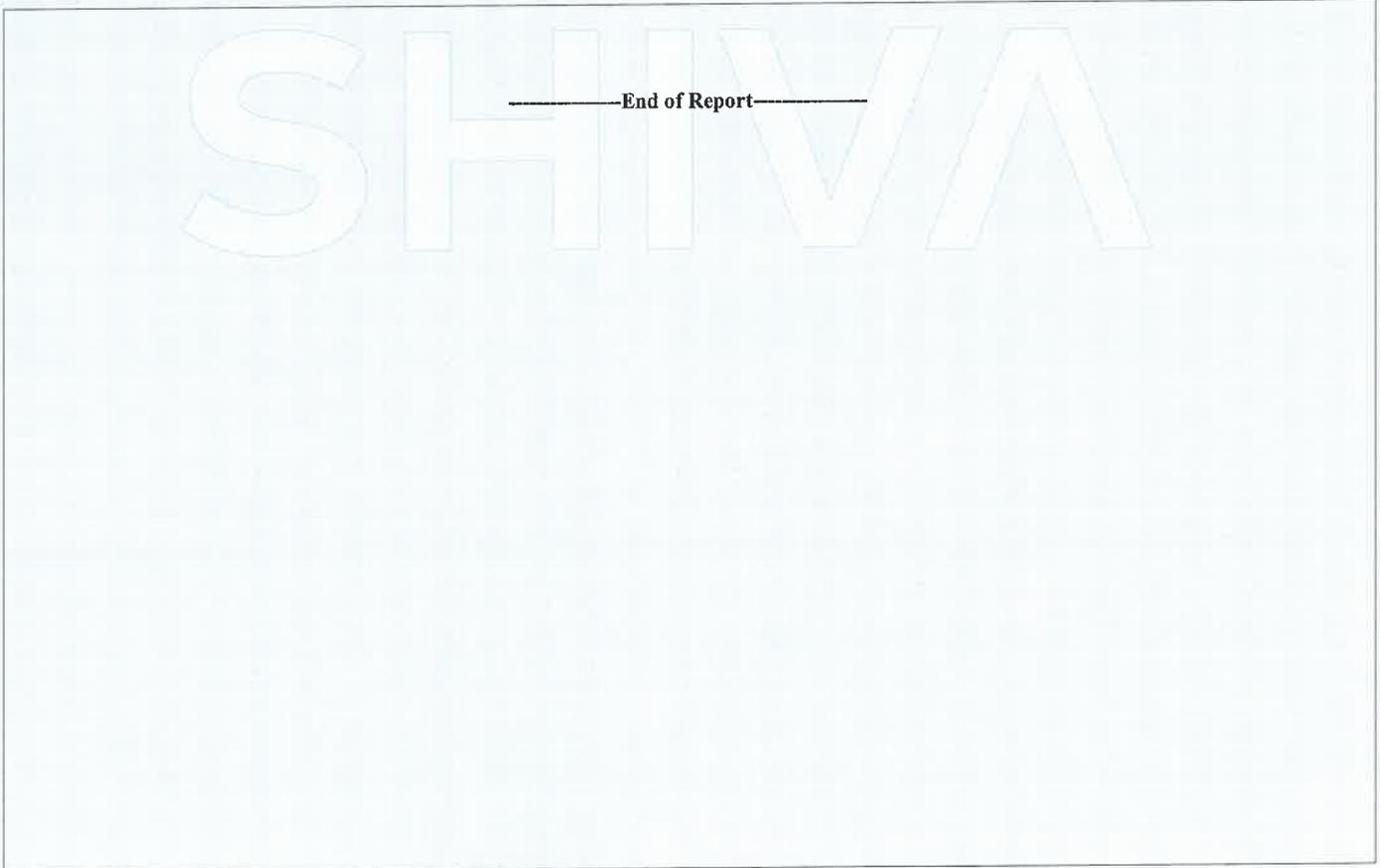
Terms And Conditions

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Authorized Signatory	 SURESH RAO M (Assistant Signatory Manager) (Emp. ID. 793)	Authorized On	31-MAY-2024
Printed by: Venugopala.N		Printed on: 03-JUN-2024	
Copy No.: 1		Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			



TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AHU - 3 Condensate		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006421
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	BM - 3 West	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-



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

Authorized Signatory	<p>SURESH RAO M. (Assistant Manager) (Emp. ID. 793)</p>	Authorized On	31-MAY-2024
Printed by: Venugopala.N		Printed on: 03-JUN-2024	
Copy No.: 1		Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			



TC-12626		Test Report (Environment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AHU - 6 & 7 Condensate		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006422
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
Issued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	13-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327 , Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 --	Date of Booking	22-MAY-2024
Time/Duration of Sampling	-	Date of Start of Analysis	23-MAY-2024
Location of Sample Collection	BM - 3 East	Date of End of Analysis	31-MAY-2024
PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	Oil & Grease	mg/l	10.0	IS 3025 (P-39) 2021
2	pH value	--	8.1	IS 3025 (P-11) 2022
3	Total suspended solids	mg/l	7	IS 3025 (P-17) 2022
4	Total dissolved solids	mg/l	110	IS 3025 (P-16) 2023
5	Total hardness (as CaCO ₃)	mg/l	5	IS 3025 (P-21) 2009
6	Chemical oxygen demand	mg/l	1782	APHA 24th Edition (P-5220 B) 2022
7	Biochemical oxygen demand (3 days @ 27°C)	mg/l	710	IS 3025 (P-44) 2023
8	Silica (as SiO ₂)	mg/l	BLQ of 0.1	IS 3025 (P-2) 2019

Remarks: BLQ-Below limit of quantification

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Printed by: Venugopala.N		Printed on: 03-JUN-2024	
Copy No.: 1		Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			



TC-12626

**Test Report
(Environment)**

Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AHU - 6 & 7 Condensate		
Discipline	Chemical	Contract Agreement/Test Report.No.	05240522006422
Group	Pollution and Environment	Date of Sample Collection	10-MAY-2024
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PO / Reference No./Date	Test Request Form	Date of Issue of Report	31-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

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Authorized Signatory	<p>SURESH RAO M. (Assistant Manager) (Emp. ID. 793)</p>	Authorized On	31-MAY-2024
Printed by: Venugopala.N		Printed on: 03-JUN-2024	
Copy No.: 1		Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			



தமிழ்நாடு தொழில் வளர்ச்சி நிறுவனம்
TAMILNADU INDUSTRIAL DEVELOPMENT CORPORATION LTD
(A Government of Tamil Nadu Enterprise)



Letter No. SK/TEPL/Water Supply/2023

07.09.2023

Tata Electronics Pvt Ltd,
Uddanapalli Village, Shoolagiri Taluk,
Hosur, Krishnagiri District
635119.

Sir,

Sub: Tata Electronics Pvt Ltd located at Thimjepalli Panchayat in Kelamangalam union of Denkanikottai Taluk in Krishnagiri District – 1.15 MLD of drinking water supply – Confirmation - Reg.

We wish to inform that TIDCO will arrange supply of 1.15 MLD of drinking water to Tata Electronics Pvt Ltd (**TEPL**), Hosur, through Tamil Nadu Water Supply and Drainage (TWAD) Board, subject to the terms and conditions of TIDCO/TWAD Board as in force agreed by TEPL.

Yours Faithfully,
For Tamilnadu Industrial
Development Corporation Ltd


Authorized Signatory

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD



ABSTRACT

TWAD BOARD - PROVIDING 0.50 MLD OF WATER (FOR DRINKING & COOKING PURPOSE ONLY) TO M/S.TATA ELECTRONICS PRIVATE LIMITED, THUMJEPALLY IN KRISHNAGIRI DISTRICT FROM THE UNUTILISED QUANTITY AVAILABLE UNDER HOGENAKKAL WATER SUPPLY AND FLUOROSIS MITIGATION PROJECT, AS A DEPOSIT WORK - ADMINISTRATIVE APPROVAL – ACCORDED.

(OPERATION AND MAINTENANCE)

B.P. Ms. No.: 65

Dated: 21.09.2021

Read :

Board Circulation Resolution No.607, dated. 20.09.2021.

ORDER:

M/s. TATA Electronics Pvt. Ltd., is located in Thumjepally Village of Hosur in Krishnagiri District. The firm has proposed to build accommodation for their employees near the project site and requested TWAD Board to provide water supply for drinking to their employees.

The possibility of providing water supply to M/s. Tata Electronics was analyzed. Hogenakkal Water Supply and Fluorosis Mitigation Project is presently providing water supply to 1 Corporation, 2 Municipalities, 16 Town Panchayats and 7639 Rural Habitations in 20 Panchayat unions of Dharmapuri and Krishnagiri Districts.

There is no specific provision made for Industrial Demand in the Hogenakkal Water Supply and Fluorosis Mitigation project. However M/s.Tata Electronics Pvt.Ltd, Thumjepally requires 0.50 MLD of Water for Drinking and cooking purposes for their employees.

This quantity can be provided from the balance unutilised quantity (0.828 mld) available under Hogenakkal Water Supply and Fluorosis Mitigation project due to deletion of 43 habitations in Dharmapuri District which was already covered in Kadayampatti CWSS and also due to deletion of 34 habitations which are located within Reserve Forest Area & Hilly area, as recommended by the Chief Engineer, TWAD Board, Vellore.

The Government, vide its Lr. No. 14115/ WS1/ 2021-1/ dt.13.08.2021 has accorded the concurrence for allocating 0.50 MLD of water to M/s.TATA Electronics private Limited, Thumjepally in Krishnagiri District from the unutilised quantity available under Hogenakkal Water Supply & Fluorosis Mitigation Project subject to the condition that the existing water supply to other beneficiaries of this Project and public will not be affected and all other terms and conditions in force in TWAD Board are met.

M/s. TATA Electronics Pvt Ltd, Thumjepally has registered their application for their request of water supply connection through online portal, vide application No.TWAD20210044 on 23.08.2021.

The Chief Engineer, TWAD Board, Vellore has submitted a proposal along with feasibility report for providing 0.50 MLD of water to M/s. TATA Electronics Pvt., Ltd., Thumjepally from Hogenakkal Water Supply & Fluorosis Mitigation Project at a cost of Rs.211.00 lakhs.

The quantity of water 0.50 mld is proposed to be taken from the Ullukurukkai Booster Pumping Station and conveyed to the existing 10 LL Capacity sump constructed inside the M/s.Tata Electronics Pvt Ltd, Thumjepally Campus through 150 mm DI K7 pipeline for a length of 4700 m, by 700 lpm x 60m Head open well submersible pumpset at 12 hours pumping.

The Chief Engineer, Vellore has certified that the tail end habitations of Hogenakkal Water Supply and Fluorosis Mitigation project will not be affected due to provision of this water supply connection to M/S Tata Electronics Pvt. Ltd., Thumjepally.

The estimate cost is worked out to Rs. 211 lakhs based on the schedule of rates for the year 2021-22. The tariff fixed for the water supply connection is Rs.150/-KL as per B.P.Ms. No. 88, (O&M Wing), Dt.02.11.2017.

The 3 months caution deposit and advance water charges are

- | | |
|-----------------------------------|------------------|
| 1. Caution deposit 3 months | - Rs.67.50 lakhs |
| 2. Advance water charges 3 months | - Rs.67.50 Lakhs |

Total - Rs.135.00 Lakhs.

The firm has submitted their consent for accepting the conditions and water tariff fixed of Rs.150/KL by TWAD Board and remitted the installation cost of Rs. 211.00 lakhs to TWAD Board Account on 17.09.2021.

As per the G.O.Ms.No. 776 (RD & LA Dept.), Dt. 03.05.1977, "*The powers conferred by sub-sections (1) & (3) of section 57 of TWAD Board Act, 1970 (TamilNadu act 4 of 1971), the Governor of TamilNadu hereby authorises the TWAD Board, to*

exercise the powers vested in him under the section 20 of the said act to approve the schemes for which the local body or other institution or person for whom the scheme is formulated agrees to bear the entire cost of the scheme without seeking assistance from the Government or the L.I.C and deposits the cost in advance”.

Hence, the subject for providing 0.50 MLD of water (for drinking & cooking purpose only) to M/s. TATA Electronics private Limited, Thumjepally in Krishnagiri District from the unutilised quantity available under Hogenakkal Water Supply & Fluorosis Mitigation Project at an estimated cost of Rs.211.00 lakhs, as a deposit work subject to the condition that the existing water supply to the beneficiaries of this Project and public will not be affected, was circulated among the Board of Directors for according administrative approval.

The Board after careful consideration, **RESOLVED** to accord administrative approval for providing 0.50 MLD of water (for drinking & cooking purpose only) to M/s.Tata Electronics Pvt. Limited, Thumjepally in Krishnagiri District from the unutilized quantity available under Hogenakkal Water Supply and Fluorosis Mitigation Project, as a deposit work subject to the condition that the existing water supply to the beneficiaries of this Project and public will not be affected, vide Board Circulation Resolution No. 607 / dt.20.09.2021.

Accordingly, Administrative approval is hereby accorded for providing 0.50 MLD of water (for drinking & cooking purpose only) to M/S. Tata Electronics Pvt. Limited, Thumjepally in Krishnagiri District at a cost of Rs.211.00 lakhs from the unutilized quantity available under Hogenakkal Water Supply and Fluorosis Mitigation Project, as a deposit work subject to the condition that the existing water supply to the beneficiaries of this Project and public should not be affected.

(By Order of the Board)

Sd/- V.Dakshinamoorthy, Dt. 21.09.2021,
Managing Director,
TWAD Board, Chennai – 05.

To

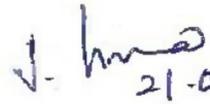
The Chief Engineer/ TWAD Board, Vellore.

Copy to the Superintending Engineer, TWAD Board, Project Maintenance Circle,
Dharmapuri.

Copy to the Executive Engineer, TWAD Board, Project Maintenance Division, Hosur.

Copy to P.C. to the M.D., TWAD Board, Chennai-5 for information.
Copy to P.C. to the J.M.D., TWAD Board, Chennai-5 for information.
Copy to P.C. to the F.D., TWAD Board, Chennai-5 for information.
Copy to P.C. to the E.D., TWAD Board, Chennai-5 for information.
Copy to the Joint Chief Engineers (O&M, PM, PDC and COM), TWAD Board, Head Office, Chennai-5.
Copy to the Deputy Chief Engineer (O&M), TWAD Board, Chennai-5.
Copy to the CAO (Audit) and (Accounts), TWAD Board, Chennai-5.
Copy to the AAO, MWSS Section, TWAD Board, Chennai-5.
Copy to the RAO unit, TWAD Board, Chennai-5.
Copy to the Board Cell, TWAD Board, Head Office, Chennai-5 - 3 Nos.

// t.c.f.b.o //


21-09-2021
Deputy Chief Engineer (O&M),
TWAD Board, Chennai - 05.


21/9/21