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. 316/31. 316/"B, 316/3, 316/3F, 317/1 "17/2 I. 317/2 3. . 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, 13/4Al(P), 13/5Al, 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, 141/1B, 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, L61/1A, 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, 171/2A5, 172/IA, 172/I8, 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, 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/IC, 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/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".

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

Annexure 1	Copy of Environmental Clearance.
Annexure 2	Copy of Amended Environmental Clearance
Annexure 3	Advertisement in Newspapers.
Annexure 4	CTE Copy
Annexure 5	Environmental Monitoring Reports.
Annexure 6	Fresh water Permission letter from TWAD and TIDCO

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.	F. c. 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/IDA, 312/1B, 312/ICA, 313/4, 322/2B, 313/IE, 313/3, 313/ID, 313/IG, 313/IB, 313/IC, 322/3A, 322/3C 313/IA, 313/3A, 313/IB, 313/3, 313/IF, 322/IA, 322/IB, 322/2, 313/30, 313/4B, 322/ID 320/1, 320/3, 321/1, 320/3 321/1, 320/3 S21/1, 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 .322/3D, 324/2B, 323/2, 324/3, 325/1 325/1 B, 325/2, 313/1D. 326/IB, 327/1 F.326/1D, 326/IE, 327/IE, 309/2D, 316/1D, 314/3 3, 314/1B, 314/1 ,314/3 1, 315/5,308/1. 308/IC, 319/1B, 308/1B, 308/2, 310/1, 310/1B, 310/1, 310/2B, 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. 316/1B, 316/2B, 316/2D, 316/2D, 316/31. 316/"B, 316/3F, 317/1*17/2 I. 317/2 3. 317/2B,319/I .31-7/1B, 31-;1 .316/1 .316/1B. "16/2 ,"16r 318/IA 318/18 318/IC, 318/2, 318/3A, 318/38 315/IE, 315/4 317/2A5 314/181, 13/4AI(P), 13/5AI, 13/5A(P) 14/IA, 14/18, 141/1 (P), 14/2 ,14/2B, 14/2C, 14/2D, 14/3A 14/3B, 14/3C(P), 14/3D(P), 15/IA(P), 16/7A(P), 16/78(P), 16/8(P), 16/8(P), 17/2, 17/3A(P) 17/38, 18/1, 18/2B, 20 324/18 326/2, 327/IA, 327/1B, 327/1D, 328/2, 332/4, 21/IA, 21/IB, 21/IC, 21/ID, 21/IF, 21/IGI 21/2A 327/3, 332/2, 328/3, 328/1, 328/4, 15/6B, 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, 332/1, 332/5 of Thimipepalli village, 143/2B, 143/1A, 143/1B, 143/IC, 148/4A, 148/4B, 141/6, 141/4C, 141/5C, 143/2B, 143/3, 144/1 147/1B, 147/1A, 148/3, 134/1A, 136/4B, 136/4C, 141/1B, 141/1C, 141/1D, 141/4A, 141/4B, 141/5A, 141/5B, 142/1T, 142/1B, 142/IC, 142/2, 142/2, 142/3, 142/4, 141/7, 148/1, 148/3A, 161/4B, 161/7B, 161/7C, 16/3, 16/4A, 161/4B, 161/6A, 161/6B, 161/7, 161/8, 162/2, 170/IA, 170/IB, 171/2A, 171/2A, 171/2A3, 171/2A4, 171/2A5, 172/1B, 177/IA, 172/1B, 177/IA, 171/2A1, 171/2A4, 171/2B4, 171/2B5, 172/1A, 172/3B, 113/3, 139/3, 139/5, 1

	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	22,51,106 sq.m					
Built up area	Total	Build	lup area – 5,57,47	70 Sq. m			
	S.No		Component		Area in (Sqm)	Area in (Acres)	
	1		Ground Covera	ge Area	417555	103.180	
	2)	Road Area		233343	57.660	
	3	3	Paved Area		62230	15.377	
Description of Project	5 6		Parking Area		34642	8.560	
			OSR Area		225110	55.63	
			Greenbelt		382676	94.56	
	7	7 Land for Fu		Develop	895551	221.292	
	8		Total		2251106	556.26	
	S.N o	Pur	pose	Quantity (KLD)	Water Type	ı	
	1	Dor	mestic	840	Fresh Water		
	2	Pro	ocess	2419	Fresh Water Treated Wat		
	3	Cod	oling Tower	534	Treated Wat		
Water Requirement	4	Car	nteen	420	Fresh Water		
	5	Toi	let Flushing	420	Treated Water		
	6	Gre	eenbelt	1149	Treated Wat	er	
Fresh Water – 165 Recycled Water – Total Water – 5782 Fresh Water Source		Water – 4132 KL		•			
Quantity of Wastewater	Sewage Generation			1701 kLD			
(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 – 53					
	2029 KLD Effluent generated during the operation phase will be collected through pipelines and it will be treated in ETP				ill be	
	Name of the Waste		Quantity (TIM)			of Disposal
	Aluminium scrap		410.60			
	Paper waste +		3.00			
	Packing Cartons					
	Moulded Plastic Pellets scrap		6.66			
Quantity of Solids Waste Generation, Mode of Treatment and	Plastic waste (Wrappers, stable pins, etc))	6.00		Sent to	Recyclers
disposal	Wood waste		3.00			
	Glasss waste		1.50			
	Steel / Iron		6.00			
	Cotton waste		3.00			
	Food waste		12.00		OWC	
Quantity of E-Waste generation, Mode of treatment and Disposal	Computer, Laptop, Mouse & Keyboard - 3000 N Sent to TNPCB Authorized recycler			d - 3000 No's	s/A.	
Quantity of Biomedical Waste generation, Mode of treatment and Disposal	Nil					
Treatment and Disposar	Category.		e of the	Quantity		lode of
	No.	Wast	te			Pisposal
	5.1	Used	d / Spent Oil	80 KL/A	Α	Sent to Luthorised Recycler
	5.2	Wast Resid		24 T/A	а	ent to TNPCB pproved SDF site.
Quantity of Hazardous Waste generation, Mode of treatment and Disposal	23.1	resid made vege	tes or ues (not e with table or al materials	40 T/A	а	ent to TNPCB pproved SDF site.
	33.1	Emp Cont	ty ainer	48 T/A	Α	ent to authorised decycler
	35.3		ge from ewater	9790 T/A	S	ent to TNPCB pproved SDF site.
	-	ATFI) Salt	6525 T/A	а	ent to TNPCB pproved SDF 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	 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 Ceneration 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	91170 No's				
to be planted iv) No. of trees to be transplanted/cut	100 No's				
Details of OSR Area	2,25,110 Sq.m				
	Type of Vehicle	No's	Total Area (Sqm)		
Dataile of Dayling Arra	Trucks	15			
Details of Parking Area	Buses Cars	50 288	36,642 Sqm		
	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 SEIAA, TN may cancel the Environmental	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
13.	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.	recepted and reced.
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)Strom water drains, and Rain water harvesting system, etc. and it shall 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.	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.	(i) We will furnish the probable date of commissioning of the project supported with bar charts to SEIAA-TN.
2.	Labour Welfare	
	 (i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site (ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed. (iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the 	 (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. (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.

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

- (iii) We ensure that Periodical medical examination of the workers engaged in the project will be carried out and records maintained.
- (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
- (iii) Adequate drinking water and sanitary facilities should be provided 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 premixed concrete, curing agents and other best practices prevalent.
- (v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor-based control

- (i) Noted and Followed
- (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.
- We ensure that the adequate (vii) 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
- (ii) Agreed and noted.
- (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 devises / sensor-based control

Solid Waste Management: 4.

- (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.

- (i) Agreed and Noted.
- (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.
- (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.

cooling water tower etc.

water tower etc.

(iv) No waste of any type to be disposed of in (iv) No waste of any type to be disposed of in any watercourse including drains, canals any watercourse including drains, canals and the surrounding environment. and the surrounding environment. shall be disposed (v) The E-waste generated from our project (v) E-waste through vendor E-waste will be collected and disposed through Authorized as per authorised e-waste centre as per E- waste (Management and Handling) Rules, 2016 and subsequent amendment (Management & Handling), Rules 2076 as amended 5. **Top Soil Management:** (i) All the top soil excavated during (i) We ensure that all the top soil excavated construction activities should be stored for during the construction activities will be use in horticulture/ landscape development stored for use horticulture/ landscape within the project site. development within the project site. **Construction Debris disposal:** 6. (i) Disposal of construction debris during (i) We ensure that the Disposal construction phase should not create any construction debris during construction effect neighboring phase will not create any adverse effect adverse on the communities and be disposed off only in on the neighboring communities and It approved sites. with the approval of will be disposed off only in approved Authority with necessary and we will obtained competent precautions for general safety and health construction and demolition waste will aspects of the people. The construction and be managed as per Construction & demolition waste shall be managed as per Demolition Waste Management Rules, Demolition Construction & Waste 2016 Management Rules, 2016 (ii) We ensure that the Construction spoils, including bituminous materials and other (ii) Construction spoils, including bituminous materials and other hazardous materials, hazardous materials. will must not be allowed to contaminate contaminate watercourses. The dump watercourses. The dump sites for such sites for such materials will be secured so materials must be secured so that they that they will not leach into the adjacent should not leach into the adjacent land / land / lake/ stream etc. lake/ stream etc. 7. **Diesel Generator sets:** (iv) Low Sulphur Diesel will be used for (i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used operating diesel generator sets to be used during construction phase. The air and during construction phase. The air and noise emissions are conformed with noise emission shall conform to the standards prescribed in the Rules under standards prescribed in the Rules under the the Environment (Protection) Act, 1986, Environment (Protection) Act, 1986, and and the Rules and monitoring report of the Rules framed thereon same attached as Annexure-5 (ii) The diesel required for operating stand by (v) We ensure that the required diesel for DG sets shall be stored in barrels fulfilling operating standby DG sets will be stored the safety norms and if required, clearance in barrels fulfilling the safety norms. The clearance from Chief Controller of from Chief Controller of Explosives shall be taken. Explosives shall be taken, if required. (iii) The acoustic enclosures shall be installed at (ii) The acoustic enclosures will be installed at all noise generating equipments such all noise generating equipments such as DG sets, air conditioning systems, cooling as DG sets, air conditioning systems,

8. Air & Noise Pollution Control:

- (i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours
- (ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented
- (iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.
- (iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation
- (v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site

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

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

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 firefighting vehicles upto the buildings and for
- (iii) We ensure that the adequate fire protection equipments and rescue arrangements will be made as per the prescribed standards.

	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.	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	(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.
	(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	(i) Noted and Will be complied.
	approval (iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other Purpose.	(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.
14.	Sewage Treatment Plant:	
	(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	(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.
	sewage. (ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAATN.	(ii) We will install STP as furnished and any alteration to satisfy the bating quality standard will 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	(iii) We ensure that operate and maintain the sewage treatment plant effectively to meet 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.	(iv) We ensure that operate and maintain the sewage treatment plant effectively 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.	(v) We ensure that complete recycling of treated sewage water after achieved the standards prescribed by the CPCB.
	(vi) The project proponent has to provide separate standby D.G set for the STP/GWTP	(vi) We ensure that the separate standby D.G set will be provided to continuous

	for the continuous operation of the STP/GWTP in case of power failure.	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	(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
	 (ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pretreatment 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 23 Nos and rain water 	(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.
	collection sump of 687cu.m capacity 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	(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(iv) The project activity will not cause any
		disturbance & deterioration of the local bio diversity
16.	Building Safety:	
	Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary	(i) Lightning arrester will be installed at top of the building to avoid thunder storm during the rainy season.

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	The Raw Water quality will be checked, and RO
17.	if necessary RO plant shall be provided.	Plant will be provided, if necessary.
15.	The Proponent should be responsible for the	We will ensure that the maintenance of common
	maintenance of common facilities including	facilities including greening, rain water
	greening, rain water harvesting, sewage treatment	harvesting, sewage treatment and disposal, solid
	and disposal, solid waste disposal and environmental	waste disposal and environmental monitoring
	monitoring including terrace gardening for a period of 3 years. Within one year after handing over the	including terrace gardening for a period of 3 years and after handing over the flats within 1 year to
	flats to all allottees a	all allottees a viable society or an association
	viable society or an association among the allottees	among the allottees will be formed to take
	shall be formed to take responsibility of continuous	responsibility of continuous maintenance of all
	maintenance of all facilities with required	facilities with required agreements for
	agreements for compliance of all conditions	compliance of all conditions furnished in
	furnished in Environment Clearance (EC) order	Environment Clearance (EC) order issued by
	issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire	SEIAA-TN. The copy of MOU between the
	period. The copy of MOU between the buyers	buyers Association and proponent will be communicated to SEIAA-TN.
	Association and proponent shall be communicated	communicated to BEITIT 114.
	to SEIAA-TN.	
16.	The ground water level and its quality should be	The ground water level and quality will be
	monitored and recorded regularly in consultation	monitored and recorded regularly in consultation
17	with Ground Water Authority	with Ground Water Authority.
17.	Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible.	We ensure that the sewage generated from our project which will be treated by the sewage
	The treated sewage shall conform to the norms and	treatment plant and recycled or reused for
	standards for bathing quality laid down by CPCB	greenbelt development / avenue plantation by
	irrespective of any use. Necessary measures should	adopting CPCB prescribed guidelines and also,
	be made to mitigate the odour and mosquito problem	We ensure that adequate control measures
	from STP.	proposed to prevent odour and mosquito problem form STP
18.	The Proponent shall operate STP continuously by	The STP will be operated continuously by
	providing stand by DG set in case of power failure	providing stand by DG set in case of power
		failure.
19.	It is the sole responsibility of the proponent that the	We ensure that the sewage generated from our
	treated sewage water disposed for green belt	1 1
	development/ avenue plantation should not pollute the soil / ground water adjacent canals/ lakes/ ponds,	treatment plant and recycled or reused for greenbelt development / avenue plantation and
	etc	which will not pollute Soil / Ground Water
		adjacent canals/ lakes/ ponds, etc
20.	Adequate measures should be taken to prevent odour	We ensure that adequate control measures
	emanating from solid waste processing plant and	proposed to prevent odour emanating from solid
21.	STP The e - waste generated should be collected and	waste processing plant and STP
۷1.	disposed to a nearby authorized e-waste centre as per	The E-waste generated from our project will be collected and disposed through authorised e-
	E- waste (Management & Handling), Rules 2076 as	waste centre as per E- waste (Management &
	amended	Handling), Rules 2076 as amended
22.	Diesel power generating sets proposed as source of	The diesel generator which will be installed
	back-up power during operation phase should be of	within our project premises used only for power
	enclosed type and conform to rules made under the	backup purpose during the operation phase and
	Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed	we ensure that the Stack height proposed will be the combined capacity of all the proposed DG sets
	for the combined capacity of all proposed DG sets	and combined capacity of all the proposed DO sets
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	

23.	The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time. Spent oil from D.G sets should be stored in HDPE	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 We ensure that the spent oil which is generated
24.	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	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.

Pro-Active and Responsive Facilitation by Interactive,

Single-Window Hub

and Virtuous Environmental



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.

EC Identification No. 1.

EC24B039TN194136

2. File No. 9738

3. **Project Type** New

4. Category

Project/Activity including 5.

8(b) Townships and Area Development

Schedule No.

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 builtup area of 5,57,470 Sq. m

Name of Company/Organization 7.

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 Ś.Bilgi Member Secretary SEIAA - (TAMIL NAĎU)



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.

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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,

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, 141/1C(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, 1741/1F, 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.

- 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,

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, 309/2B309/2A, 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, 141/1C(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, 1741/1F, 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,

- 1					
		138/4B,	138/5, 138/6, 139/2, 139	9/3, 139/5, 13	9/6, 139/9, 140/2
		140/4, 14	44/3, 144/4, 146/2A, 146/2	B, 146/3, 146/4	4, 150/6A, 150/6B
	*	151/1,15	52/1, 152/2, 152/4, 155/1, 1	55/2, 155/3, 1	56/1, 156/2, 157/1
		157/2, 1	57/3A, 157/3B, 157/3C, 1	57/3D, 157/3E	E, 158/2B2, 138/1
		137/7, 1	40/3, 180/4, 137/5, 139/1	0, 137/6, 140/	7, 139/7, 172/1D
		172/2(P)	, 172/4A2(P), 172/4A1, 1	72/5B, 172/4A	3, 172/6, 172/2(P)
		172/4A2	(P), 172/4B, 136/2, 141	/2, 146/1, 144	1/2, 147/2, 148/2
TI B	· ·	150/2, 13	37/1, 138/3, 140/1, 149/1,	151/2, 151/3, 1	52/3, 172/7, 174/4
		174/5, 1	75/2, 180/5, 181/1, 139/	1, 150/4, 150/	5, 140/5, 136/1A
		136/1B,	140/6, 141/3, 141/1A, 136	6/3A, 139/4, 13	39/8, 149/2, 149/3
	A	and the same of	149/4A, 149/4B, 150/3	C. CI	
	7		,1241/1C, 1241/2B1, 124		
		1238/1B	2, 1238/1D, 1238/3A, 1	1238/3B, 1238	3/3C, 242/3A2(P)
	18		, 1246/6B, 1248/2 of Ayy	V . A . A	age, Denkanikotta
		District of the second	rishnagiri District, Tamil	Nadu.	
3.	Type of Project		"B1" Schedule 8 (b)	SON !	
		A A S	ip and Area development	projects	
4.	Latitude & Longitude	12°33'6.	73"N - 77°57'3.74"E		
_	(Centre Co-Ordinate)				9
5.	Total Plot Area (in sq. m)	Total La	and Area -22,51,106 sq.m		
	3,			MA KO	
	C	S. No	Components	Area in	Area in
		100	4	(Sqm)	(Acres)
		1	Ground Coverage Area	4,17,555	103.180
		2	Road Area	2,33,343	57.660
		3	Road Area Paved Area	2,33,343	57.660 15.377
		3	Paved Area	62,230	15.377

		7	Land for Develop	Future	8,95,551	221.296
			Total Land Ar	ea	22,51,106	556.26
6.	Brief description of the	TEPL,	is a part of the Ta	ata group an	d is presently	held by Tata Sons
	project	which	owns 100% of its	s equity sha	re capital. Acc	ordingly, all Tata
		group	entities are closel	y connected	to TEPL by	virtue of commor
		control	and capital.			
		Initiall	y in the year	2021, TE	PL planned	to establish the
		manufa	acturing unit with	the total bu	ilt-up area of 1	,42,635 Sq. m and
obtained CTE from TNPCB. In continuation to the						nat CTO has been
	4	obtaine	ed for the ma	nufacturing	unit vide	Proceeding No
T5/TNPCB/F.3192HSR/RL/HSR/ A						ated: 06.06.2022
	1	As TE	PL has planned	to increase	the production	n capacity, TEPL
		proposes to expand the unit with a total built-up area of 5,57,470 Sc m				
	/ 1/1					
7.	Built up area details	Total E	Built Up area – 5,	57,470 Sq.m	19	
8.	Maximum height of the project	17.5m		9/1	が加	3
9.	Maximum number of floors	G+M	+ 2 Floors		11/15	9
10.	No. of blocks	7//		4	7// \$	di di
11.	Permissible FSI area	33,76,6	559.52 Sq.m			
12.	Proposed FSI area	6,24,68	32.01 Sq.m		1.0	
13.	Cost of Project	Rs.820	6 Crores (Existing	g - Rs.3466	Crores & Prop	osed-Rs.4740
		Crores)	Cte if C			
14.	No. of Saleable Units	-	****	* * * * * * * * * * * * * * * * * * * *		
15.	Expected Population	42000N	Nos (Including Flo	oating)		
16.	a) Water requirement	S.	Purpose	Quantity	Wat	er Type
	(in KLD)	No.		(KLD)		
		1.	Domestic	840	Fresh Water	
		2.	Process	2419	Fresh Wate	r = 390 KLD
					Treated Wat	er = 2029 KLD

	I	1	G 11 T	524	T . 1.1	× 7		
		3.		534	Treated \			
		4.	Canteen	420	Fresh Wa	ater		
	1	5.	Toilet Flushing	420	Treated \	Water		
		6.	Greenbelt	1149	Treated \	Water		
		Fresh v	vater – 1650 KLD					
		Recycle	ed Water- 4132 K	LD				
		Total v	vater - 5782 KLD					
	b) Source	TWAD	/ TIDCO					
17.	Details of Sewage	Sewage	e generation - 170	1 KLD				
	generation and Treatment	STP Ca	apacity - 1500 KL	D (2 No's	5)			
18.	Mode of Disposal of treated	Treate	d water - 1701 K	LD	VA			
	sewage / effluent	i)	Flushing - 420 KI	LD	1.0			
		ii)	ii) Gardening – 747 KLD					
		iii) Colling Tower – 534 KLD						
	- /A	iii)	Colling Tower -	534 KLD				
	/6		Colling Tower – : KLD Effluent gen		ring the ope	eration phase w	ill l	
		2029 K		erated dur	Page 10 1		ill t	
19.	Quantity of Solid Waste	2029 K	ALD Effluent gen	erated dur	vill be treate		vill t	
19.	Quantity of Solid Waste generation, Mode of	2029 K	KLD Effluent gen	erated dur	Page 10 1	d in ETP	rill t	
19.		2029 K collecte	KLD Effluent gen ed through pipelin e of the Waste	erated dun	Quantity (T/M)	d in ETP Mode of	rill t	
19.	generation, Mode of	2029 K collecte	KLD Effluent gen	erated dun	vill be treate Quantity	d in ETP Mode of	vill t	
19.	generation, Mode of	2029 K collecte Name Alum	KLD Effluent gen ed through pipelin e of the Waste	erated dur	Quantity (T/M)	d in ETP Mode of	rill l	
19.	generation, Mode of	2029 K collecte Name Alum Paper	ALD Effluent gened through pipeline of the Waste	erated dures and it v	Quantity (T/M) 410.60	d in ETP Mode of	vill 1	
19.	generation, Mode of	Name Alum Paper Mould	ALD Effluent gened through pipeling of the Waste inium Scrap waste + Packing of	Cartons scrap	Quantity (T/M) 410.60 3.00 6.66	Mode of Disposal	rill 1	
19.	generation, Mode of	Name Alum Paper Mould Plastic	ALD Effluent gened through pipeling of the Waste inium Scrap waste + Packing of the Plastic Pellets	Cartons scrap	Quantity (T/M) 410.60 3.00	Mode of Disposal Sent to	rill	
19.	generation, Mode of	Name Alum Paper Mould Plastic stable	ed through pipelin e of the Waste inium Scrap waste + Packing of ded Plastic Pellets c wastes (Wrapper	Cartons scrap	Quantity (T/M) 410.60 3.00 6.66	Mode of Disposal	rill 1	
19.	generation, Mode of	Name Alum Paper Mould Plastic stable Wood	cLD Effluent gened through pipeling of the Waste inium Scrap waste + Packing of ded Plastic Pellets c wastes (Wrapper pins, etc)	Cartons scrap	Quantity (T/M) 410.60 3.00 6.66 6.00	Mode of Disposal Sent to	rill 1	
19.	generation, Mode of	Name Alum Paper Mould Plastic stable Wood	can be determined through pipeling and through pipeling are of the Waste be determined as the waste of the Waste be wastes (Wrappen pins, etc) as waste be waste waste be wast	Cartons scrap	Quantity (T/M) 410.60 3.00 6.66 6.00 3.00	Mode of Disposal Sent to	vill 1	
19.	generation, Mode of	Alumi Paper Mould Plastic stable Wood Glass Steel	can be determined through pipeling and through pipeling are of the Waste be determined as the waste of the Waste be wastes (Wrappen pins, etc) as waste be waste waste be wast	Cartons scrap	Quantity (T/M) 410.60 3.00 6.66 6.00 3.00 1.50	Mode of Disposal Sent to	rill 1	

20.	Quantity of E-Waste	Computer, La	aptop, Mouse & Key	board - 3000	No's/A.
	generation, Mode of treatment and Disposal	Sent to TNPC	CB Authorized recyc	ler	
21.	Quantity of Biomedical Waste generation, Mode of	Nil			
22.	treatment and Disposal Quantity of Hazardous Waste generation, Mode of	Category.	Name of the Waste	Quantity	Mode of Disposal
	treatment and Disposal	5,1	Used/Spent Oil	80 KL/A	Sent to Authorized recycler
	5	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
	7.2	35.3	Chemical Sludge from wastewater treatment	9790 T/A	Sent to TNPCB approved TSDF site.
	50	-	ATFD Salt	6525 T/A	Sent to TNPCB approved TSDF site.
23.	Power requirement		rement – 120 MVA wer – TANGEDCO		
24.	Details of solar energy	for KV	0 x 0.8* = 96000 KV VA to KW) requirement is 9600		Conversion factor
			Power Generation i		

25.	Details of D.G. set with	G. set with • 73 x 2250 kVA (Stack Height – 27m Above Ground level)				
	Capacity	• 5 x 1250 kVA (Stack Height – 25m Above Ground level)				
26.	Details of Green Belt Area i) Total area of green belt ii) No. of trees existing within the project site iii) No. of trees proposed to be planted iv) No. of trees to be transplanted/cut	3,82,676 Sq.m 1764 Nos 91170 Nos	3 300			
27.	Details of OSR Area	2,25,110 Sq.m				
28.	Details of Parking Area	34,642 Sq.m				
		Type of Vehicle	No's	Total Area (Sq. m)		
	1.6	Trucks	15			
	/ 10	Buses	50			
		Cars	288	34,642 Sq. m		
	1 1	2 wheelers	750			
			130	<u> </u>		
29.	Provision for rain water harvesting	2 Nos of Rainwater har Volume of the ponds:42	vesting pond provide	ed.		
29.	-7 1 100	2 Nos of Rainwater har	vesting pond provide 2492 KL Crores	ed.		

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,

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, 141/1C(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, 1741/1F, 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.

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

		-	Any Other environmental activities in		
			consultation with the local		To work
			administration		closely with
2.	Livelihood	-	Skill development & Entrepreneurship		village &
			for women and support for marketing		govt.
			products developed by tribals	80	officials
3.	Health	•	Upgradation of Medical infrastructure		based on the
			and provision of diagnostic equipment		plan .
			for Primary Health Centers in	90	
			consultation with the Department of	10	
		1	Health Services		
4.	Education &	٠ ع	Upgradation of school -level	17	
	Sports	1	infrastructure and promotion of		
		1	participation in Sports and Academic	180	
			competitions with the Department of	111	
			Education. Sponsorship for		
			meritorious candidates.	A. I	
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:

	Precis	Existing + Proposed Expansion		
S. No.	Description	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	

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.

- 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.

- 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.

- 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.
- 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

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.

- 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.

- 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:

- 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.
- The PP shall not carry out any construction activities in the following survey nos and shall develop only green belt.

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, 1741/1F, 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	
В	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	

- The project proponent shall provide STP of capacity 1500 KLD in addition to the existing STP.
- 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.

- 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 Installation of steel wire fences and solar lamps in areas recommended by the District Forest Department.	150	To work closely with village & govt.
2.	Livelihood	Skill development & Entrepreneurship for women and support for marketing products developed by tribals	80	officials based on the plan

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:

- 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.
- 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.
- The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- 6. The project proponent shall obtain the necessary permission for drawing of ground water / surface water required for the project from the competent authority.

- 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air quality monitoring and preservation:

- 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.
- 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, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- 5. Sand, murram, loose soil, cement, stored on site should be covered adequately so as to prevent dust pollution.
- 6. Wet jet shall be provided for grinding and stone cutting.
- 7. Unpaved surfaces and loose soil should be adequately sprinkled with water to suppress dust.
- 8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

- 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:

- 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.
- Total freshwater use shall not exceed the proposed requirement as provided in the project details.
- 4. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
- 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- 6. At least 20% of the open spaces as required by the local building byelaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.

- 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- 10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- 11. The local bye-law provisions on rainwater harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- 12. A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharging is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- 13. All recharges should be limited to shallow aquifer.
- 14. No ground water shall be used during construction phase of the project.
- 15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- 16. The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with Half Yearly Compliance Reports (HYCR).
- 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed into municipal drain.
- 18. No sewage or untreated effluent water would be discharged through storm water drains.
- 19. Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is

commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

- 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be taken to mitigate the odor problem from STP.
- 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring and Prevention:

- 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.
- 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).
- 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:

- Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- 2. Outdoor and common area lighting shall be LED.
- 3. The proponent shall provide solar panels covering a minimum of 50% of terrace area as committed.
- 4. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be

incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

- 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:

- 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.
- 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.
- 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.
- Use of environmentally friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash

- bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environmentally friendly materials.
- 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended from time to time. Ready mixed concrete must be used in building construction.
- 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:

- 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.
- A wide range of indigenous plant species should be planted as given in the Appendix-I, in consultation with the Government Forest/Horticulture Departments and State Agriculture University.

8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be

designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.

- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
- b. Traffic calming measures.
- c. Proper design of entry and exit points.
- d. Parking norms as per local regulation.
- 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:

- 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.
- A First Aid Room shall be provided in the project both during construction and operations of the project.

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 balances have checks and and to bring into focus proper 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).
- 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:

- 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.
- The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.

- 4. The project proponent shall submit Half Yearly Compliance Reports (HYCR) on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.
- 5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- 6. The project proponent shall inform the Authority (SEIAA) of the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- 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.

Appendix -I

List of Native Trees Suggested for Planting

- 1. Aeglemarmelos-Vilvam
- 2. Adenaantherapavonina-Manjadi
- 3. Albizialebbeck-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, ManjalIlavu
- 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

- 31. Litseaglutinosa-Pisinpattai
- 32. Madhucalongifolia Illuppai
- 33. Manilkarahexandra-Ulakkai Paalai
- 34. *Mimusopselengi* Magizhamaram
- 35. Mitragynaparvifolia Kadambu
- 36. Morindapubescens-Nuna
- 37. Morindacitrifolia- VellaiNuna
- 38. Phoenix sylvestre-Eachai
- 39. Pongamiapinnata—Pungam
- 40. Premnamollissima- Munnai
- 41. Premnaserratifolia- Narumunnai
- 42. Premnatomentosa-PurangaiNaari, PudangaNaari
- 43. Prosopiscinerea Vannimaram
- 44. Pterocarpusmarsupium Vengai
- 45. Pterospermumcanescens-Vennangu, Tada
- 46. Pterospermumxylocarpum Polavu
- 47. Puthranjivaroxburghii-Puthranjivi
- 48. Salvadorapersica- UgaaMaram
- 49. Sapindusemarginatus- Manipungan, Soapukai
- 50. Saracaasoca Asoca
- 51. Streblusasper- Pirayamaram
- 52. Strychnosnuxvomica-Yetti
- 53. Strychnospotatorum Therthang Kottai
- 54. Syzygiumcumini Naval
- 55. Terminaliabellerica- Thandri
- 56. **Terminalia arjuna** Venmarudhu
- 57. Toona ciliate Sandhanavembu
- 58. Thespesiapopulnea- Puvarasu
- 59. Walsuratrifoliata-valsura
- 60. Wrightiatinctoria- Veppalai
- 61. Pithecellobium dulce Kodukkapuli

<u>Part - A - Common conditions applicable for Pre-construction, Construction and Operational</u> Phases:

- 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.
- 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.
- The SEIAA reserves the right to add additional safeguard measures subsequently, if noncompliance 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.

- "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.

- 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 setup 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

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.

<u>Part - B - Specific Conditions - Pre construction phase:</u>

- 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.
- 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.
- The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details

i. Location of STP, compost system, underground sewer line.

- ii. Pipe Line conveying the treated effluent for green belt development.
- iii. Pipe Line conveying the treated effluent for toilet flushing
- iv. Water supply pipeline
- v. Gas supply pipe line, if proposed
- vi. Telephone cable
- vii. Power cable
- viii. Strom water drains, and
- ix. Rain water harvesting system, etc. and it shall be made available to the owners
- 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:

 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:

- All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
- ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.

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

3. Water Supply:

- The entire water requirement during construction phase may be met from private tankers
- ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.
- iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor based control.

4. Solid Waste Management:

- In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.
- ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
- iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
- iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.

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

5. Top Soil Management:

 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:

- Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient

- air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.
- iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.
- iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.
- v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.

9. Building material:

- 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.
- Ready-mix concrete shall alone be used in building construction and necessary cubetests 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:

- Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.
- Storm water management plan shall be obtained by engaging the services of Anna University/IIT.

11. Energy Conservation Measures:

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

- ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.
- iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.
- iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.
- vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

12. Fire Safety:

- 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:

- The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.
- ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.

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

14. Sewage Treatment Plant:

- i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.
- ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.
- iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.
- iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.
- v) The project proponent has to ensure the complete recycling of treated Sewage &Effluent water after achieving the standards prescribed by the CPCB.
- vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.

15. Rain Water Harvesting:

- i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.
- ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.
- iii) The Project Proponent has to provide 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.

16. Building Safety:

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

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

- 1. There should be Firefighting plan and all required safety plan.
- 2. Regular fire drills should be held to create awareness among owners/ residents.
- 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.
- The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually
- 8. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
- 9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
- 10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
- 11. The project activities should in no way disturb the manmade structures.
- 12. The Proponent shall do afforestation/restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
- 13. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
- 14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.

- 15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.
- 16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
- 17. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.
- 18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
- 19. It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc
- 20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
- 21. The e waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
- 22. Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.
- 23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.

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

MEMBER SECRETARY SEIAA-TN

Copy to:

- 1. The Additional Chief Secretary to Government, Environment, Climate Change and Forests Department, Govt. of Tamil Nadu, Fort St. George, Chennai 9.
- The Chairman, Central Pollution Control Board, Parivesh Bhavan,
 CBD Cum-Office Complex, East Arjun Nagar, New Delhi 110032.
- The Chairman, Tamil Nadu Pollution Control Board,
 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.



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, 30<mark>9/2E, 310/1A, 310/1B, 310/1C, 310/2, 311/1A, 311/1F, 311/3B, 311/3A, 311/3C, 314/3B, 317/1D,</mark> 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, 141/1C(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, 1741/1F, 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.

(ii) File No.

(iii) Clearance Type

(iv) Category

(v) Schedule No./ Project Activity

(vii) Name of Project

(viii) Location of Project (District, State)

(ix) Issuing Authority

(x) EC Date

(xi) Applicability of General Conditions

(xiii) Status of implementation of the project

EC24B3813TN5308758A

9738

Amendment in EC

B1

8(b) Townships/ Area Development Projects /

Rehabilitation Centres

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

KRISHNAGIRI, TAMIL NADU

SEIAA 29/05/2024

NO

- 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	Area in	Amendment sought for
5. 110	Description	(Sq.m)	(Acres)	Amendment sought for
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	No Changes in the
5	OSR	2,25,111	55.626	existing constructed built-
6	Greenbelt	3,82,675	94.56	up area.
7	Land for Future Develop	4,24,223	104.83	
8	Vacant land	471328	116. <mark>4</mark> 7	
Total I	Land Area	<mark>22</mark> ,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	PCODE	1645	- 🥳	1505	4795
3	BMB 3-UTILITY 2 (UB4)	935	CORP	935	-000	-	1870
	BMB3-DG &						
4	TRANSFORMER YARD	2035	-	-	e -	-	2035
	(UB3)						
	BMB3-DG &						
5	TRANSFORMER YARD	845	-	-	-	-	845
	(UB4)						
6	ETP FOR BMB3	527	-	-	-	-	527
7	BMB 5	39545	9830	25370	9830	-	84575
8	BMB 5- UTILITY	2000	-	2000	-	2000	6000
	BMB 5-DG &						
9	TRANSFORMER	1658	-	-	-	-	1658
	YARDS						
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
	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)

	dment in Built-up Area Brea Name of the Building	Ground	Mezzanine	First Floor	Mezzanine	Second	Total area
		Floor	Floor		Floor	Floor	(Sq.m)
1	BMB 9	30800	2430	1783		-	33230
2	BMB 9-UTILITY	1800		- 1637	-	-	1800
	BMB 9-DG &						
3	TRANSFORMER	1434		- 11	-	- v	1434
	YARDS						
4	BMB11	-			-	-	-
5	BMB 11-UTILITY	- z\\		-	0	-	-
	BMB 11-DG &						
6	TRANSFORMER	- 3	-	- / 50	-	-	-
	YARDS						
7	ANODIZING	-\\\\	rects of Sh	2 1	7/	- A.	-
8	ANODIZING-DM	110	les.	-11		<u>~</u>	
O	PLANT	- 1	CCRI	EL	- 2	5	_
9	ANODIZING-UTILITY	-	-	-	- ,e	-	-
	ANODIZING DG &						
10	TRANSFORMER	- /	-	-	- ₀ X \	-	-
	YARDS						
11	ETP FOR BMB 9-11 &		<i>P</i> aymer	t5 \		_	_
11	ANODIZING						
12	STP FOR BMB 9-11 &		_		_	_	_
12	ANODIZING						
	FIRE PUMP ROOM FOR						
13	BMB 9-11 &	-	-	-	-	-	-
	ANODIZING						
14	230 KV SUBSTATION	7200	-	-	-	-	7200
15	FUTURE-BUILDING 04	12350	-	12350	-	12350	37050
16	FUTURE-BUILDING-04-	1800		1800		1800	5400
10	UTILITY	1000	_	1000	_	1000	2700
17	FUTURE-DG &	1434	_	_	_	_	1434
	TRANSFORMER	1101					1101

SIA/TN/INFRA2/467617/2024 Page 4 of 5

	TANDS						
18	FUTURE-BUILDING-05 TRAINING CENTER	3100	3100	3100	-	-	9300
	Area of Future buildings ard area, in Sqm	59918	5530	17250	-	14150	96848
	Area of Existing, Proposed, buildings and yard area in		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

VADDO

- 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, SMAA

Date: 29/05/2024

newindianexpress com

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

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 Sumathilying 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.

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.

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 "INSPIRE-MANAK district- 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, employment 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.

Woman, son take own lives over money crunch

POLICE RULE OUT FOUL PLAY

EXPRESS NEWS SERVICE @ Coimbatore

A woman and her physically challenged son allegedly died by suicide near Thottamapatti 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 hanging 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*.

(a) **pnb** Housing Notice is hereby given to the public in general and in particular to the borrower(s) & guarantor(s) indicated in Column no-A that 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 prover(s)/mortgagor(s)/Legal Heirs, Legal Representative, (whether Known or Unknown), executor(s), administrator(s), successor(s), assignee(s) of the respective borrowers/mortgagor(s)(sino accessed) as the case may be indicated in Column no-A under Rule-8(6) & 9 of the Security Interest Enforcement Rules, 2002 amended as on date. Description of the Properties Auction carantor(s)/Legal heirs (A) of Bid (G) Rate (H) & Time (J) IOU/BAN/0418/5196 Begepalli Village of Hosur Taluk and attached to the Hosur Sub 29-01-2024 Rs. 480200 10.00 AM 10,000/- 10.00 AM 01Pm to 2 Known 4802000 3774296.70 14 B.O.: Jayanagar, to Village Panchayath Limit of Begepalli & 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 extenet. Asst. Rs. 1.08 rp., in this Ac. 0.75 Cents all together making total extent of Ac. 2.35 Lakh Two The Cents of the land has been devided into house sites in which plot no. 56 comprised in Sy. No. 30/2 situated with the following bounderies. 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. Rupees Rupees to 5.30 PM to 5.30 PM 08-04-2021 Jeyalakshmi C. Renuka Enterprises *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 As on date, there is no order restraining and/or court injunction PNBHFL/the 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.

3. Please note that in terms of Rule 9(3) of the Security Interest (Enforcement) Rules, 2002, the bidder(s)/the 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(2) 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 acknowledgement of sale confirmation letter and in default of such deposit, the property/secured asset shall be resold.

4. C1 INDIA PRIVATE LIMITED would be assisting the Authorised 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.bankeauctions.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 Mailya/Vijay Sundriyal Contact Number 9845335084/7428193765, is authorised person of PNBHFL or refer to www.pnbhousing.com Place: Hosur, Dated: 14-01-2024 Authorized Officer, M/s PNB Housing Finance Limited

PUBLIC NOTICE

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, Pottipati 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

SCHEDULE OF PROPERTY

In Coimbatore Registration District, Kinathukadavu Sub-Registration District, Kinathukadavau

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

In middle of this an extent of 2.51 acres (Presently sub-divided as S.F.No.472/2A1) and in

ITEM II: In S.F.No.471 an extent of 9.02 acres, in which an extent of 4.51 acres (Presently Sub-

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

EAST BY - Land in S.F.No.472/2A1 (Item I herein), WEST BY - 0.71 acre in S.F.Nol.472/1A

In middle of this an extent of 1.90 acres (Presently Sub-divided as S.F.No.472/1B) along with

divided as S.F.No.471/1) along with the common passage and all other rights appended to it.

S.F.No.472/2A2 an extent of 0.06 acre of Well, its Vaari and all other rights appended to it.

NORTH BY - Malumichampatti and Chettipalayam Road, SOUTH BY - S.F.No.471

this date, failing which objections if any raised thereafter, shall not bind my client.

ITEM I: In S.F.No.472 an extent of 8.03 acres, in which an extent of 2.51 acres in which

0.21 acre WEST BY - Land in S.F.No.472/1B (Item III herein)

the common passage and all other rights appended to it.

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

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's/day with total built up area of 5,57,470 Sq.mtr at S.F.No: 308-327 of Thimjepalli, Udedurgam & Ayyaranpalli 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, SF.No. 308-327, Thimjepalli Village, Kelamangalam-Rayakottai Road, Hosur, Krishnagiri District, Tamil Nadu, India-635113

CHANGE OF NAME AND DATE OF BIRTH

I. Smt **S PUNITHAMARY** wife of No 1374319N

Ex-HONY NB 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

E - Tender Notice

E-Tenders are invited from competent

Last dates of Bid Submissions are

16th to 23rd January, 2024.

Please Refer Sites

2023-24.

Suppliers/Manufacturers for the Supply of

API's Exerients Petbottles Vials, for the year

http://etenders.kerala.gov.in/www.ksdp.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

SOUTHERN RAILWAY

TENDER NOTICE NO.

DCE-CN-CLT-OT-01-2024

DATED: 12/01/2024

Name of the work: Doubling of track

housekeeping, hospitality services and

Directional works in the Deputy Chief

Engineer's office at Mangaluru, officers rest

nouse / construction / Mangaluru and its

Date of Opening: 05/02/2024 @ 12.30 hrs.

Complete details & tender document will be

follow us on: X twitter.com/GMSRailway

Deputy Chief Engineer/

Construction, Kozhikode.

vailable at https://www.ireps.gov.in

premises for a period of 2 Years.

Completion Period: 24 months

Tender Value: ₹, 11.97 lakhs

Sé-, Managing Director

for necessary information on a regular basis.

Smt S PUNITHA MARY JACULINE

Baskaran, BA LLB at Krishnagiri.

NEVER COMPLAIN AND NEVER EXPLAIN

BENJAMIN DISRAEL

UJVN LIMITED phones: 0135-2763808, Fax: 0135-2763508

Office of the Executive Engineer (E&M), Vyasi Dam, Juddo Dakpathar UJVN Ltd. invites online bid from interested party's Brief summary of

NIT No: 13/EE(E&M)/Vyasi Dam/2023-24 Name of work: Design, Drawing, Supply, Installation, Testing 8 Commissioning of Log Boom Barrier at Vyasi Dam Site at Juddo

Estimated cost: Rs. 3,18,80,000.00 (GST Extra) Date of Availbility 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 fuller & further details kindly visit e-procurement porta http://uktenders.gov.in Executive Engineer "AVOID WASTEFUL USE OF ELECTRICITY"

Debts Recovery Tribunal - II 6th Floor, Additional Office Building, Shastri Bhawan, Haddows Road, Nungambakkam, Chennai – 600 006 DRC No.128/2022 In OA. No.975/2019 In the matter of

M/s. Sree Sai Enterprises and 2 others DRC No.18/2023

Punjab National Bank, Hosur

In OA. No.963/2019 In the matter of **Punjab National Bank, Hosur**

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
Lather terms and conditions contain	ad in the Sale Natice dated 13 12 2023

Given under my hand and seal of this Tribunal at Chennai on this the 12th day of January, 2024. Date: 12.01.2024

(S. SOFIN ROSE) RECOVERY OFFICER

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. Byepass Road, Near Raghavendira 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, Byepass Road, Near Raghavendira Water Service Station, Karimangalam Tk, Dharmapuri Dt



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

SAMEER is implementing MeitY sponsered "Work Based Learning (WBL) Programme" to strengthen and empower fresh B.E or B.Tech (ECE/E&TC) 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

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

9 Kasi, Gaya, Agra, Delhi A/C 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 Ahobilam, 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 8428800030

epaper.newindianexpress om

Taluk, Chettipalayam Village;

following boundaries;

belonging to Sudhir

Date: 12.01.2024



S.Chandrasekaran, M.A., B.L., DLL.,

C.Jaiy Chandhar, B.A., LLB., (Hons)

85/12, Cherran Tower Apartments, Govt. Arts College Road,

Coimbatore - 641 018. Ph : 93631 20899, 77088 18900, 0422-2200337.



Advocates,



அலெக்சந்திரா பிரஸ் ரோடு.

நாகர்கோவில்-1.2 04652-232673

மீனாட்சிபுரம், நாகர்கோவில்-1

2 04652-229310



திருமணம் மற்றும் அனைத்து சுபநிகழ்ச்சிகளுக்கும் ஐஸ்கிரீம் மிக குறைந்தவிலையில் ஆர்டரின் பெயரில் சப்ளை செய்து தரப்படும்.



Church ALL

MANUFACTURERS AND EXPORTERS OF ALL TYPE OF CHURCH BELLS, BRASS - ALTER RAILINGS, CROSS AND EAGLE LECTERN

ROAD, PERUMALPURAM, TIRUNELVELI - 627 007, TAMILNADU SOUTH INDIA. PH: +91 462 2533437, MOBILE: 098421 53281 / 09442533437 EMAIL: aicsbellfoundry@gmail.com Website: www.churchbellindia.com



BUCKET COMBO

4 PAX BUCKET BIRIYANI BRINJAL GRAVY, CHICKEN 65 4 PCS, RAITHA, EGG 4 PCS, SWEET

8 PAX BUCKET BIRIYANI BRINJAL GRAVY, CHICKEN 65 8 PCS, RAITHA, EGG 8 PCS, SWEET

Rs.2700 Rs.2100

9னைத்து விசேசங்களுக்கும் சைவம் மற்றும் அசைவ உணவு வகைகள் ஆர்டரின் பேரில் தயார் செய்து தருகின்றோம். www.aasifebiriyani.com

இயர் மற்றும் பொங்கணை உங்கள் ஆசிப் பிரியாணியுடன் கொண்டாடுங்கல்

BSNL அருகில், தெற்கு பைபாஸ், வல்ரலரார்பேட்டை, திருநெல்வேலி 0462 2900520 | 78068 17212 குற்றாலம் ரோடு, யானைபாலம் அருகில், தென்காசி

04633 290332 | 70925 40655





கடன் வசூல் தீர்ப்பாயம் - II 6வது தளம், கூடுதல் அலுவலகக் கட்டிடம், சாஸ்தீரி பவன், ஹாடோஸ் ரோடு, நுங்கம்பாக்கம், சென்னை-600 006.

DRC No.128/2022 In OA. No.975/2019 பஞ்சாப் நேஷனல் வங்கி, ஒசூர்

M/s.ஸ்ரீ சாய் எண்டர்பிரைசஸ் மற்றும் பிற இருவர் என்பதில்

DRC No.18/2023

In OA. No.963/2019 பஞ்சாப் நேஷனல் வங்கி, ஒசூர்

M/s.ரேபிடஸ் சாஃப்ட்வேர் சொல்யூஷன்ஸ் மற்றும் பிற இருவர் <u>கீருக்கம்</u>

8%ழ் ஒப்பமிட்டுள்ளவரால் அளிக்கப்பட்ட மேற்சொன்ன கடன் வசூல் சான்றிகுழில் அடிப்படையிலான 13.12.2023 நாளிட்ட விற்பனை அறிவிப்பில் வெளியிடப்பட்ட திருத்தம் கீழ்வருமாறு :

வாசிக்க தொடர்புடையதற்கானது விற்பனை நடைபெறும் நாள் : விற்பனை நடைபெறும் நாள் : 19.01.2024. ஏலக்குறிப்பீடு செலுத்த 24.01.2024. ஏலக்குறிப்பீடு செலுத்த கடைசி நாள் : 17.01.2024 கடைசி நாள் : 22.01.2024

13.12.2023 தேதியிட்ட விற்பனை அறிவிப்பில் உள்ள நிபந்தனை விபரங்களில் மாறுதல் ஏதுமில்லை.

சென்னையில், 12ம் தேதி ஜனவரி 2024 அன்று என்னால் ஒப்பமும் தீர்ப்பாய முத்திரையும் இடப்பட்டது. (S.சோஃபின் ரோஸ்)

தேதி: 12-01-2024 வகுல் அதிகாரி



பொது அறிவிப்பு

இதன் மூலம் பொதுமக்களுக்குத் தெரிவிக்கப்படுவது யாதெனில் மாநில சுற்றுச்சூழல் தாக்க மதிப்பீட்டு ஆணையம் ("SEIAA"), தமிழ்நாடு, M/s டாடா எலக்ட்ரானிக்ஸ் பிரைவேட் லிமிட்டெட் நிறுவனத்துக்கு 6/1/2024 நாளிடப்பட்ட EC அடையாள எண்: EC24B039TN194136 (கோப்பு எண் 9738) மூலம் 5,57,470 சதுர மீட்டர் மொத்தக் கட்டுமானப்பரப்பளவு கொண்டதும், SF எண் 308-327 திமிஜபள்ளி, ஊடேதுர்கம் & அயர்னப்பள்ளி கிராமங்கள், தேன்கனிக்கோட்டை வட்டம், கிருஷ்ணகிரி மாவட்டம், தமிழ்நாட்டில் அமைந்துள்ளதும், ஒரு நாளுக்கு 3 லட்சம் எண்ணிக்கை திறன்கொண்டதுமான டாடா எலக்ட்ரானிக்ஸ் பிரைவேட் லிமிட்டெட் நிறுவனத்தின் விரிவாக்க திட்டத்துக்கு - அலைபேசிகளுக்கான உலோக உறை உற்பத்தி & ஒன்றுசேர்ப்பு - சுற்றுச்சூழல் அனுமதி வழங்கியுள்ளது. SEIAA தமிழ்நாடு பிறப்பித்துள்ள சுற்றுசூழல் அனுமதி கடிதத்தின் ஒரு நகல் கிடைக்கும் இடங்களாவன: (அ) மாநில மாசுக் கட்டுப்பாட்டு வாரியம், தமிழ்நாடு, (ஆ) SEIAA, தமிழ்நாடு இணையத்தளம் மற்றும் (இ) டாடா எலக்ட்ரானிக்ஸ் பிரைவேட் லிமிட்டெட் தொழிற்சாலை

M/s டாடா எலக்ட்ரானிக்ஸ் பிரைவேட் லிமிட்டெட்,

SF எண் 308-327 திமிஜபள்ளி, கெலமங்கலம் -ராயக்கோட்டை சாலை, ஒசூர், கிருஷ்ணகிரி மாவட்டம், தமிழ்நாடு, இந்தியா- 635113



REGISTERED OFFICE: SPIC House, No.88, Mount Road, Guindy, Chennai - 600 032

FACTORY: SPIC Nagar, Muthiahpuram Post, Thoothukudi - 628 005 Telephone: 0461 2243564, 83000 26087

பிற்ச்சேர்க்கை – IV – A **pnb** Housing

ஆவணங்களையும் தனிப்பட்ட முறையில் ஆய்வு செய்து, தங்களது விலைப்புள்ளிகளை / விலைகோரல் விண்ணப்ப படிவத்தை அல்லது விலைப்புள்ளிகளை சமாப்பிக்கும் முன்பே தம்மளவில் திருப்தி ஏற்படுத்திக்கொள்ளலாம்.

பொது அறிவிப்பு – அசையாச்சொத்து(க்கள்) மின்னணு ஏலம் மற்றும் விற்பனை பிணைச்சொத்து பாதுகாப்பு மற்றும் நிதிச்சொத்து மறுசீரமைப்பு & பிணைச்சொத்து பாதுகாப்பு அமலாக்கம் சட்டம் 2002 – உடன் படிக்க – பிணைக்காப்ட inance Limited அமலாக்கம் விதிகள் 2002 ன் விதி விதி 8(6) க்கான விதி விலக்கு – படி அசையாச்சொத்துக்கள் விற்பனைக்கான மின்னணு ஏல விற்பனை அறிவிப்பு Ghar Ki Baat ப<mark>திவு அலுவலகம் :</mark> 9 வது தளம், அன்ட்ரிக்ஷ ப்வன், 22, **K.G.** மார்க், புதுடெல்லி – 110 001 தொலைபேசி எண்கள் – 011–23357171, 23357172, 23705414 வலைதளம் <mark>விஜயநகர் கிளை அலுவலகம் : PNB</mark> ஹவுசிங் ஃபனான்ஸ் லிட்., 1125/12, தரை தளம், ஹம்பி நகர், விஜயநகர், பெங்களூரு – 560 104

இதன் மூலம் பொதுமக்களுக்கும், குறிப்பாக களம் எண். A ல் குறிப்பிடப்பட்டுள்ள கடன்தாரர்களுக்கும் & ஜாமீன்தாரர்களுக்கும் அறிவிக்கப்படுவது யாதெனில், இதன் கீழ் களம் எண். D ல் விவரிக்கப்பட்ட ஜாமீன் பெற்று கடனளித்தவருக்கு அடமானம் செய்யப்பட்ட / கடன் பொறுப்பு ஏப்றடுத்தப்பட்டு M/s. PNB ஹவுசிங் ஃபைனான்ஸ் லியிட்டெட் – என்ற ஜாமீன் பெற்று கடனளித்தவரின் அதிகாரப்பூர்வ அலுவலரால் ஆக்கபூர்வ சுவாதீனம் / இயற்கவாதீனம் (களம் எண். C – ல் விவரிக்கப்பட்டவாறு) எடுக்கப்பட்ட அசையா சொத்து(க்கள்) '''இருக்கின்ற இடத்தில்'' மற்றும் '''இருக்கின்ற நிலையில்'' என் அடிப்படையில் இதன் கீழ்க்குறிப்பிட்ட விபரங்களின் படி விற்பனை செய்யப்படுகிறது. களம் எண். A ல் குறிப்பிடப்பட்டுள்ள கடன்தூரா்(கள்), அடமானதாரா்(கள்), கடன்தூரா்(கள்), அடமானதாரா்(கள்) (இறந்ததால்) அவரவாின் சுட்ட ரீதியாலன வாரிக(கள்), சட்டரீதியிலான பிரதிநிதிகள் (தெரிந்தோ அல்லத தெரியாயலோ), செயல்படுத்துபவர்(கள்), நிர்வாகி(கள்), பின்தொடர்ச்சியாளர்(கள்), பணியமர்த்தப்பட்டவர்(கள்) (எது பொருந்துமோ அது) ஆகியோருக்கு நாளது தேதியில் திருத்தியமைக்கப்பட்ட பிணைக்காப்பு அமலாக்கம் விதிகள் 2002 ன் விதி 8(6) & 9 ன் கீழ் இதன் மூலம் அறிவிக்கப்படுகிறது. விற்பனை க்கான விரிவான விதிகள் மற்றும் நிபந்தனைகளுக்கு M/s. PNB ஹவுசிங் ஃபைனான்ஸ் லிமிட்டெட் (PNBHFL) – என்ற ஜாமீன் பெற்று கடனளித்தவரின் வலைதளமான www.pnbhousing.com ல் கொடுக்கப்பட்டுள்ள தொடர்பை தயவு கூர்ந்து பார்வையிடவும்.

கடன் கணக்கு எண் / கடன்தாரர் / கூட்டு — கடன்தாரர் / ஜாமீன்தாரர்(கள்) / சட்டரீதியிலான வாரிசு(கள்) பெயர் (A)	கோரப்பட்ட தொகை & தேதி (B)	சுவாதீன த்தின் தன்மை (C)	அடமானம் செய்யப்பட்ட சொத்துக்களின் விபரம் (D)	அடிப்படை விலை (E)	டேவணித் தொகை (RP யின் 10%) (F)	விலைப்புள்ளி சமா்ப்பிக்க கடைசி தேதி (G)	ஏல அதிகரிப்பு தொகை (H)	ஆய்வு தேதி & நேரம் (I)		தெரிந்த வில்லங்கம் (ஏதேனும்) (K)
1). HOU/BAN/0418/519614	08.04.2021 ம்	அடையாள	கிருஷ்ணகிரி பதிவு மாவட்டம், ஒசூர் சார்பதிவு மாவட்டம், பேகம்பள்ளி பஞ்சாயத்து &	ељ.	ரு.4,80,200/-	29.01.2024	ரூ.10,000/-	19.01.2024	13.01.2024	இல்லை /
கிளைலலுவலகம் – ஜெயநகர்	தேதியின் படி,	சுவாதீனம்	ஒசூர் ஒன்றிய கவுன்சில், ஒசூர் தாலுக்கா, பேகபள்ளி கிராமம், 1). சர்வே எண். 30/2 புஞ்சை	48,02,000/-	(ரூபாய், நான்கு	காலை 10.00		காலை	பிற்பகல்	தெரியவில்லை
திரு. K சந்திரன் / ஜெயலட்சுமி C,	ரு.		பரப்பு ஹெக் 0.65.5., ஏக்கரில் 1.60 சென்ட் முழுவதும், 2). சாவே எண். 30/1D புஞ்சை பரப்பு	(ரூபாய்.	இலட்சத்து	மணி முதல்		10.00 மணி	01.00 மணி	
ரேணுகா எண்டா்ப்ரைசஸ்.	37,74,296.70/-		ஹெக் 0.36.5., ஏக்கரில் 0.90 சென்ட் முழுவதும், க்கு தீர்வை ரூ. 1.08/– இதில் ஏக்கர்	நாற்பத்து எட்டு	எண்பதாயிரத்து	மாலை 05.30		முதல்	முதல் 02.00	
_			0.75/– சென்ட் என அனைத்தும் சேர்ந்து மொத்தம் ஏக்கர் 2.35 சென்ட் பரப்பளவு கொண்ட	இலட்சத்து	இருனூறு	மணி வரை		மாலை	மணி வரை	
			வீட்டுமனைகளாக பிரிக்கப்பட்ட இடத்தில் சாவே எண். 30/2 ல் உள்ள ப்ளாட் எண். 56., இது	இரண்டாயிரம்	மட்டும்)			05.30 மணி		
			பின்வரும் எல்லைகளுக்கு மத்தியில் உள்ளது. கிழக்கு – 25 அடி பொது சாலை, மேற்கு –	மட்டும்)				வரை		
			ப்ளாட் எண். 49, வடக்கு – ப்ளாட் எண். 55, தெற்கு – ப்ளாட் எண். 57., மொத்த பரப்பு 1200 சதுர அடி கொண்ட இடம்.		o 3		3 73			

தகவலுக்கும், எட்டிய வரையில் இதன் மேற்குறிப்பிட்டுள்ள அசையா சொத்துக்களை / ஜாமீன் சொத்துக்களை பொருத்தமட்டில் இதன் மேற்கண்ட களம் எண். K ல் வெளிப்படுத்தப்பட்டதை தவிர வேறு எந்த வில்லங்கங்களோ / கோரிக்கைகளோ இல்லை. மேலும் அவ்வாறு வில்லங்கம் ஏதேனும் இருப்பின் அதனை வாங்குவதில் வெற்றி பெற்றவரே / வாங்குபவரே தம்மளவில் சரி செய்து கொள்ள வேண்டும் / செலுத்த வேண்டும், வாங்க உத்தேசித்துள்ளவர் / ஏலதாரர்கள் இதில் குறிப்பிட்டுள்ள வில்லங்கங்களின் நம்பகத்தன்மையை தனிப்பட்ட முறையில் ஆய்வு செய்து கொள்ள கேட்டுக்கொள்ளப்படுகிறார்க 1. நாளது தேதியன்று, PNBHFL / PNBHFL ன் அதிகாரப்பூர்வ அலுவலர் அசையா சொத்துக்கள் / ஜாயீன் சொத்துக்களை விற்பனை செய்தல், பரிமாற்றம் செய்தல் மற்றும் / அல்லது அப்புறப்படுத்துதல் போன்றவற்றை தடை செய்யும் ஆணை மற்றும் / அல்லது நீதிமன்ற உத்தரவு போன்றவை எதுவும் இல்லை. 2. வாங்க உத்தேசித்துள்ள நபர் / ஏலதாரர் மற்றும் விருப்பமுள்ள நபர்கள் களம் எண். K ல் ஏதேனும் குறிப்படப்பட்டிருப்பின் அச்செயல்முறைகள் (அல்லது) அதில் குறிப்பிடாத செயல்முறைகள் / பிறப்பிக்கப்பட்ட ஆணைகளின் வாத பிரதிவாதங்களையும், சொத்துரிமைக்காக, PNBHFL மிடமிருக்குப்

3. பிணைக்காப்பு அமலாக்கம் விதிகள் 2002 ன் விதி 9(3) க்கிணங்க, ஏலதாரா்(கள்) / வாங்குபவா் விற்பனை விலையில் 25% (டேவணித்தொகை ஏதேனும் செலுத்தப்பட்டிருப்பின் அத்தொகை உட்பட) யை அதே நாளில் அல்லது அடுத்த நாளுக்கு மிகாமல் ல் செலுத்த சட்டப்படி கட்டாயமாக்கப்பட்டுள்ளா விற்பனையானது, பிணைக்காப்பு அமலாக்கம் விதிகள் 2002 ன் விதி 9(2) க்கிணங்க, விற்பனை விலையில் 25% தொகையை பெற்ற பிறகே ஜாமீன் பெற்று கடனளித்தவரால் ஏலதாரா(களின்) பெயரில் உறுதிப்படுத்தப்படும். விற்பனைத்தொகையில் மீதி 75% தொகையை, விற்பனை உறுதிப்படுத்தல் கடிதம் பெற்ற

தேதியிலிருந்து 15 நாட்களுக்குள் வாங்குபவரால் செலுத்தப்பட வேண்டும்., அவ்வாறு தொகை செலுத்தப்பட தவறும் பட்சத்தில் சொத்து / ஜாமீன் சொத்து மறு விற்பனை செய்யப்படும். 4. M/s. C1 India Private Limited, பெரு நிறுவன அலுவலகம் — ப்ளாட் எண் 68, 3 வது தளம், செக்டார் 44, குர்காவ்ன், ஹரியானா — 122 003 வலைதளம் — www.bankeauctions.com என்ற நிறுவனம், மின்னணு ஏலத்தின் மூலம் விற்பனையை நடத்துவதில் அதிகாரப்பூர்வ அலுவலருக்கு உதவுபவராவ

சொத்துக்களை ஆய்வு செய்வதற்கும், விலைப்புள்ளி ஆவணங்களை பெறுவதற்கும் ஏதேனும் இதர விசாரணை அல்லது பதிவுக்கு தாங்கள் PNBHFL ன் அதிகாரப்பூர்வ அலுவலர்களான ரேகா மல்லையா / விஜய் சன்டிரியல் ஆகியோரை தொடர்பு எண். 9845335084 / 74281 93765 ல் தொடர்பு கொள்ளவு அல்லது வலைதளம் www.pnbhousing.com யை பார்வையிடவும்.

ஒப்பம்/– அதிகாரப்பூர்வ அலுவலர், PNB ஹவுசிங் ஃபைனான்ஸ் லிமிட்டெ

Chola

சோழமண்டலம் இன்வெஸ்ட்மெண்ட் அண்டு ஃபைனான்ஸ் கம்பெனி லிமிடெட்

நிறுவன அலுவலகம்: – சோழா கிரெஸ்ட், சூப்பர் B, C54 & C55, 4, திரு.வி.க. தொழிற்பேட்டை, கிண்டி, சென்னை – 600 032,. E–ஏல விற்பனை அறிவிப்பு (e–ஏலம் மூலம் மட்டும்)

கடனீட்டுச் சொத்து (அமலாக்கம்) விதிகள் 2002, விதி 8(6) மற்றும் 9(1) ஆகியவற்றின் கீழான அசையா கடனீட்டுச் சொத்துக்களின் விற்பனை அறிவிப்பு

இதன் மூலம் பொதுமக்களுக்குப் பரவலாகவும் பத்தி (A)—இல் குறிப்பிடப்பட்டுள்ள கடன்தாரா்(கள்) மற்றும் ஜாமீன்தாரா்(கள்) ஆகியோருக்குக் குறிப்பாகவும் அறிவிப்பது யாதெனில், ஈடு பெற்றுக் கடனளித்த

நிறுவனத்திடம் அடமானம் / அடகு வைக்கப்பட்டுள்ளதும் ஈடு பெற்றுக் கடனளித்த நிறுவனமான சோழமண்டலம் இன்வெஸ்ட்மெண்ட் அண்டு ஃபைனான்ஸ் கம்பெனி லிமிடெட்டின் அதிகாரப்பூர்வ அலுவலரால் பத்தி **(D)**–இல் குறிப்பிட்டுள்ளபடி சுவாதீனம் செய்யப்பட்டுள்ளதுமான கீழே பத்தி **(C)**–இல் விவரிக்கப்பட்டுள்ள அசையாச் சொத்தானது "உள்ளது உள்ள இடத்தில்", "உள்ளது உள்ளபடி" மற்றும் "உள்ள இடத்தில் உள்ள அனைத்தும்" எனும் முறையில் கீழே குறிப்பிட்டுள்ள விவரங்களுக்கேற்ப விற்பனை செய்யப்பட உள்ளது.இந்த அறிவிப்பானது கடனீட்டுச் சொத்து (அமலாக்கம்) விதிகள் 2002, விதி 8(6)–இன் கீழ் பத்தி (A)}இல் குறிப்பிடப்பட்டுள்ள கடன்தாரா் / அடமானதாரா்(கள்) / சட்டப்படியான வாரிசுகள், சட்டப்படியான பிரதிநிதிகள் (தெரிந்தவா்கள் அல்லது தெரியாதவா்கள் அனைவரும்), செயல்படுத்துவோா், நிா்வாகிகள் அடுத்து வருபவா்கள் மற்றும் தொடா்புடைய கடன்தாரா்களால் / அடமானதாரா்களால் (இறந்திருந்தால்) ஒப்படைக்கப் பெற்றவா்கள் ஆகியோருக்கானது. விற்பனையின் விாிவான விதிமுறைகள் மற்றும் நிபந்தனைகள் அறிய ஈடு பெற்றுக் கடனளித்த நிறுவனமான சோழமண்டலம் இன்வெஸ்ட்மெண்ட் அண்டு ஃபைனான்ஸ் கம்பெனி லிமிடெடின் https://www.cholamandalam.com & www.auctionfocus in இணையக்களக்கில் அளிக்கப்பட்டுள்ள இணைப்பைப் பாருங்கள்.

1. பெற்ற கடன்) பட்டா எண் 145, சர்கே என்ற 72, தொடர்படைய நிலம் பின்வரும் எல்லைகளுக்குள் அமைத்துள்ளது எல்லைகள் சின்னரின்னர் என்றை 72, தொடர்படைய நிலம் நிற்றுக்கிடையே உள்ள அளவு பின்வருமாறு உடக்கும் பக்கம் – தெற்கு படக்காக – 35–1/2 அடி, கிறத்கும் பக்கம் – தெற்கு வடக்காக – 35–1/2 அடி, கிறத்கும் பக்கம் – தெற்கு வடக்காக – 35–1/2 அடி, கிறக்கும் பக்கம் – தெற்கு வடக்காக – 35–1/2 அடி, கிறக்கும் பக்கம் – தெற்கு வடக்காக – 33 அடி திறக்கும் பிக்கம் சதுற்கு கொண்டதில், தெற்ற கடைக்கும் குறத்குக்கு தெறிக்கும், 7 அடி அகைமற்ள கிறக்கு தெற்குக்குக் நிறக்கில், 7 அடி அகைமற்ள கிறக்கு தெற்குக்குக்கு தெற்கிக்கத்து இருக்குக்க திறக்கில், 7 அடி அகைமற்ள விடிக்கு கொண்டதில் விட்டுக்கு தெறக்கில், தெற்கு கடக்காக – 35–1/2 அடி, மேற்கும் கக்கம் – கிறக்கு மேற்காக – 36–1/2 அடி, மேற்கும் கக்கம் – கிறக்கு மேற்காக – 35–1/2 அடி, மேற்கும் கக்கம் – கிறக்கு மேற்காக – 36–1/2 அடி, மற்கும் பிக்கம் – கிறக்கு மேற்காக – 35–1/2 அடி, மற்கும் பின்வரும் என் என் 145, முத்து கடக்காக – 43 அடி, கிறக்கும் பின்வரும் எல்லைகளுக்குள் அடிக்கம் கொண்டதில் கின்னபின்கை என்கிற முத்தமான கிரக்கிய பின்வரும் என்கைகள் கிறக்கு மேற்காக – 38–1/2 அடி, மற்கும் பின்வரும் என் 3 நாமக்கல் பிதிவு எமட்டம், நாமக்கல் பிறக்கிய பின்கு வடக்காக – 43 அடி, கிறக்கும் பின்வரும் என்லைகளிக்குள் அடிக்கிய கொண்டதில் வின்னபின்கை என்கிற முத்தமான கண்களிய மட்டம் கிறக்கு கடிக்கிய பின்வரும் என்லைகளிக்கு மற்கில், சின்னபின்கை என்கிற மடிக்கிய பிக்கிய பிகிக்கிய பிகிக்கிய பிகிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய கொண்ட கிறக்கு மேற்காக – 35–100 கடிக்கிய மட்டிக்கிய மட்கிய கடிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய மட்டிக்கிய கட்டிக்கிய மட்டிக		[A]	[B]	[c]	[D]	[E & F]	[G]
கடன் கணக்கு என்: HL02NMA000004197 1) தங்கவேல் 5. 2) ககளாய்டிரும்பு முகவர் ஆதவன் டவர்ஸ், நாமக்கல் – 637001.		/ கடன்தாரா்(கள்) / அடமானதாரா்(கள்) / ஜாமீன்தாரா்(கள்) /	வேண்டிய நிலுவைத்தொகை (ஈடு வைத்துப்		சுவாதீன முறை	விலை (ரூபாயில்) டேவணித் தொகை (EMD)	ஏல நாள் மற்றும் நேர
,		HL02NMA000004197 1) தங்கவேல் S. 2) சுகன்யாஇருவரது குடியிருப்பு முகவரி: ஆதவன் டவர்ஸ், நாமக்கல் – 637001.	நாள்படி ரூ.65,60,306/– (ரூபாய் அறுபத்து ஐந்து இலட்சத்து இருபதாயிரத்து முந்நூற்று ஆறு	கிராமத்தைச் சேர்ந்த பட்டா எண் 145, சர்வே எண் 72, தொடர்புடைய நிலம் பின்வரும் எல்லைகளுக்குள் அமைந்துள்ளது: எல்லைகள்: சின்னபிள்ளை என்கிற முத்தம்மாள் வீட்டுக்குத் தெற்கில், பெருங்குடி குளத்தார் கோவில் வீட்டுக்கு வடக்கில், தெற்கு—வடக்கு தெருவுக்குக் கிழக்கில், 7 அடி அகலமுள்ள கிழக்கு—மேற்குத் தெரு, புலவர்பாளையம் அருக்காணியம்மாள் நிலத்துக்கு மேற்கில். இவற்றுக்கிடையே உள்ள அளவு பின்வருமாறு: வடக்குப் பக்கம் — கிழக்கு மேற்காக—36—1/2 அடி, தெற்குப் பக்கம் — கிழக்கு மேற்காக—35—1/2 அடி, மேற்குர் வடக்கம் — தெற்கு வடக்காக—43 அடி, கிழக்குப் பக்கம் — கெற்கு வடக்காக—37—1/2 அடி, மேற்குப் பக்கம் — தெற்கு வடக்காக—37—1/2 அடி, மேற்கர் வடக்கம் — தெற்கு வடக்காக—37—1/2 அடி, பரப்பளவு 1449 சதுர அடிக் கொண்ட நிலம், கொண்ட நிலம், தெர்க்கல் பதிவு மாவட்டம், நாமக்கல் 1ஆம் இணை சார்பதிவு மாவட்டம், கொண்டிசெட்டிபட்டி கிராமத்தைச் சேர்ந்த பழைய பட்டா எண் 135, புதிய பட்டா எண் 145, நத்தம் சர்வே எண் 72 பாகம், தொடர்படைய நிலம் பின்வரும் எல்லைகளுக்குள் அமைந்துள்ளது: எல்லைகள்: தெற்கு—வடக்கு தெருவுக்குத் தெற்கில், தெற்கு—வடக்கு தெருவுக்குக் கிழக்கில், 7 அடி அகலமுள்ள கிழக்கு—மேற்குத் தெரு, புலவர்பாளையம் அருக்காணியம்மாள் நிலத்துக்கு மேற்கில், சின்னபிள்ளை என்கிற முத்தம்மாள் வீட்டுக்கு வடக்கம் — கிழக்கு மேற்காக — 35—1/2 அடி, மேற்குப் பக்கம் — கிழக்கு மேற்காக — 36—1/2 அடி, தெற்குப் பக்கம் — கிழக்கு மேற்காக — 35—1/2 அடி, மேற்குப் பக்கம் — கிழக்கு மேற்காக — 34 அடி, கிழக்குப் பக்கம் — தெற்கு வடக்காக — 43 அடி, கிழக்குப் மிக்கம் அடிக்கல் 1ஆம் இணை சார்பதிவு மாவட்டம், கொண்டி நிலம், சின்னபிள்ளை என் 145, நத்தம் சர்வே எண் 72 பாகம், தொடர்புடைய நிலம் பின்தைச் சேர்ந்த பட்டா எண் 145, புதிய பட்டா எண் 145, நத்தம் சர்வே எண் 72 பாகம், தொடர்புடைய திலம் பின்கைகள்கள் கல் பதிவு மாவட்டம், நாமக்கல் 1ஆம் இணை சார்பதிவு மாவட்டம், கொண்டிகில், பெருங்குடிகளையரும் எல்லைகளுக்கு வடக்கில், 7 அடி அகலமுள்ள கிழக்கு—மேற்குக் தெருவுக்குக் கிழக்கில், பெருங்கு சோத்தார் கோவில் வீட்டுக்கு வடக்கில், 7 அடி அகலமுள்ள கிழக்கு—மேற்குக் தெருக்கு தேற்கில். இவற்றுக்கிடையே உள்ள அளவு பின்வருமாறதும் பக்கம் — கிழக்கு மேற்கில் பிக்கம் — தெற்கு படக்காக — 35—1/2 அடி, மேற்கில் பக்கம் — கெற்குப் பர்ப்பாவு 1449 சதுர துர்களையர்	(சுவாதீனம்)	(ரூபாய் இருபத்தெட்டு இலட்சம் மட்டும்) ரூ.2,80,000/– (ரூபாய் இரண்டு இலட்சத்து எண்பதாயிரம்	29.01.2024 அன்று பிற்பகல் 02.00 மண முதல் மாை 04.00 மணி வடை டெண்டர் ஆவணத்தி உள்ள விதிமுறை களின்படி தலா 5 நிமிட தானாகக் காலநீட்டிப்ட செய்யப்படு வகையில்
I. ஆய்வு நாள்: 26.01.2024	I. ஆய்	ப்வு நாள்: 26.01.2024					

3. ஏலம்/டேவணித்தொகை (**EMD**) / கலந்து கொள்வதற்கான விண்ணப்பக் கடிதம் சமாப்பிக்க வேண்டிய கடைசி நாள் : 27.01.2024 அன்று மாலை 5 மணி.

*இத்துடன் தொகை செலுத்தப்படும் மற்றும் / அல்லது பெறப்படும் நாள் வரையிலான கடன் ஒப்பந்தத்தில் உள்ள விதிமுறைகள்படியான உரிய மேல் வட்டி, இடைநிகழ் செலவுகள், செலவினங்கள், கட்டணங்கள்

சொத்து ஆய்வு தொடர்பான அனைத்து உதவிகளுக்கும் ஏல ஆவணம் பெறுவதற்கும் இதர கேள்விகளுக்கும் தொடர்பு கொள்ள வேண்டிய **சோழமண்டலம் இன்வெஸ்ட்மெண்ட் அண்டு ஃபைனான்**ள் கம்பெனி லிமிடெடின் அலுவலர் :– திரு. செல்வமணி, கைப்பேசி எண் – 98420 30555, மின்னஞ்சல் முகவரி: selvamanik@chola.murugappa.com / திரு. முகமது அப்துல் கவி, கைப்பேசி எண் – 73059 **90872. சோழமண்டலம் இன்வெஸ்ட்மெண்ட் அண்டு ஃபைனான்ஸ் கம்பெனி லியிடெடின்** அதிகாரப்பூர்வ அலுவலருக்கு உச்சபட்சமாகத் தெரிந்த வரையில் மேற்கண்ட அசையாச் சொத்துக்களின் / கடனீட்டுச் சொத்துக்களின் மீது வில்லங்கங்கள் ஏதும் இல்லை.

நாள்:13.01.2024 இடம்: நாமக்கல், தமிழ்நாடு

அதிகாரப்பூர்வ அலுவலர் சோழமண்டலம் இன்வெஸ்ட்மெண்ட் அண்டு ஃபைனான்ஸ் கம்பெனி லிமிடெட் சார்பில் இத்தியா, சேலம் மண்டல அலுவலகம் இந்தியா, சேலம் மண்டல அலுவலகம் 1வது & 2வது தளம். ஏகேபி ரத்னா டவர். எண்.13. பாரதியார் தெரு. சுப்பிரமணிய நகர். சூரமாப்கலம், சேலம், தமிழ்நாடு - 636005 தங்க ஆபரணங்களுக்கான ஏல விற்பனை அறிவிப்பு

கீழ் குறிப்பிட்டுள்ள நபர்கள் கடன் கணக்குகளில் உள்ள கடன் தொகை செலுத்த தவறிவிட்டதால் இந்த அறிவிப்பு தெரிவிக்கப்படுகிறது. பதிவு தபால் மூலம் அவர்களுக்கு நோட்டிஸ் அனுப்பப்பட்ட நோட்டிஸ் அவர்கள் பெற்றுக்கொள்ளாமல் திரும்பி வந்துவிட்டது. எனவே இதனால் அவர்களுக்கு தெரிவிப்பது என்னவென்றால் 21-01-2024 ூன்று அல்லது அதற்கு முன்பாக கடன் பாக்கி தொகை மற்றும் பிற கட்டணங்களை செலுத்தி உறுதியளிக்கப்பட்ட பத்திரங்களை வெற்று கொள்ளுமாறு கேட்டுக் கொள்ளப்படுகிறது. தவறினால் அந்த நகைகளை வங்கியால் வாது ஏலத்தில் கடன் பாக்கித் தொகைக்காக **மாலை 3.30 மணியளவில்** வங்கியின் வளாகத்தில் 30-01-2024 விற்கப்படும். அல்லது வங்கியின் வசதிகேற்ப முன்னறிவிப்பின்றி வேறு எந்த தேதியிலும் மாற்றி ஏல விற்பனையில் விற்கப்படும்

என்பதை இதன் மூலம் தெரிவிக்கப்படுகிறது.

60. H 00	கணக்கு எண். கடன்தாரர் பெயர் மற்றும் முகவரி	கடன் பாக்கித்தொகை	The second secon	
		(In Rs)	மொத்த எடை	ligati cor
	பட்டி கிளை (08321)			
1	A/c.No. 083230100367586, வெண்ணிலா ஆர்			
	2 105பி, தண்ணிர் தொட்டி அருகில், நாகியம்பட்டி,	56968.47	59.00	50.70
	காட்டுகோட்டை கீரிப்பட்டி - 636107	200000000000000000000000000000000000000	1-110,0000	
2)	A/c No.083230100377574, இறாவேந்திரன். த/பெ சித்து		* see:	9030000
	படையாச்சி க.எண்.6 306, தண்ணீர் தொட்டி, நாகியம்பட்டி	105074.42	40.00	36.00
500	கொங்கவள்ளி, சேலம்-636113			0
3)	A/c No.083230100390247, முருகன் த/பெ சித்து			
	காளியபடையாச்சி, க.எண்.6 3611, நாகியம்பட்டி போஸ்ட்,	44331.62	22.00	19.00
	கள்றகுட்டை, கீரிப்பட்டி-636113	SMALL DAVIOLATIONS	***************************************	5-44-46-7
4)	A/c No.083216540004708, விஸ்வநாதன்	9/2003/00/2015	Cossess II	2074572
	த/பெ சீத்தாராமன், 3 130, உபதலைவர் தெரு,	69367.00	21.00	17.50
	affúuúu - 636107			
5)	A/c No.083230100381063, றாமசந்திரன்,			
	த/பெ பொன்னுசாமி 10 77, மேல்தொம்பை போஸ்ட், கீரிப்பட்டி	227975.41	57.80	51.80
	சூத்தூர், சேலம் - 636107		0.000000000	96000000
6)	A/c No.083230100385722, அழகுவேல்,	BURNISH TO	To-se-sec	To process
	த/பெ செல்லமுத்து, 353, மேலவட்ட தெரு, சீலியாம்பட்டி	36603.97	24.00	10.00
	affüutig - 636107			
7)	A/c No.083216540005787, முருகேசன் எஸ்.			
	5 மலையாம்பட்டி சீலியாம்பட்டி, சேலம்,	23741.83	10.00	8.00
	and de la company de la compa	#0201720205050	2598525	66836733
II) 2mg	த்தங்கரை கிளை :			ii.
1)	A/c.No.776306540004118, மகேந்திரன். த/பெ சின்னப்பன்			T
	கதவு எண்.76. ஓபினிவாக்கன்பட்டி VI, நொச்சிபட்டி போஸ்ட்,	45021.75	12.10	10.90
	ஊத்தங்களை தாலுகா, கிருஷ்ணகிரி மாவட்டம் - 635207	1377-7-58113-5711	768763377".	0/13/25/72
2)	A/c.No.776306540008878, alggmanen.	-	-	
750	த/பெ நடநாகள். 105 வேடப்பட்டி, வெள்ளாளபட்டி போஸ்ட்	127097.36	39.00	35.00
	ஊத்தங்கதை, கிருஷ்ணக்ரி மாவட்டம் - 635304			
3)	A/c.No.776306540005133, மேகநாதன் த/பெ			
	பாலகிருஷ்ணன். க.எண்.73 N. வெள்ளாளபட்டி. VI, தொச்சிபட்டி	86239.33	23.90	21.60
		86235.33	23.30	£ 1.60
41	போஸ்ட், ஊத்தங்கரை தாலுகா, கிருஷ்ணகிரி DTY-635207	-		_
4)	A/c No.776306540005770, பூத்தன். த/பெ சிவலிங்கம்	00740.00	0.00	7.70
	கதவு எண்.3/96, மாம்பட்டி கிறாமம் போஸ்ட், அருர் தாலுகா	25745.89	9.50	7.70
	தர்மபுரி மாவட்டம் - 636902			
5)	A/c.No.776306540006679, மாரியம்மாள் க/பെ சுப்பீரமணி	F0470.00	40.00	****
	த/பெ கதவு எண்.63. கருக்கம்பட்டி கீறாமம். அனுமந்திரத்தம்	56170.32	19.90	17.90
-	போஸ்ட், ஊத்தங்கரை தாலுகா, கிருஷ்ணகிர் - 636902			
6)	A/c.No.776306540007445, மேகநாதன் த/ய	*******		
	பாலகிருஷ்ணன் க. எண்.73 N . வெள்ளாளபட்டி VI , நொச்சிப்பட்டி	150342.00	39.80	35.80
	போஸ்ட். ஊத்தங்கரை தாலுகா, கிருஷ்ணகிரி DTY - 635207			
7)	A/c.No.776306540007446, மேகநாதன், த/பெ	DESCRIPTION (Complete	58970.0
	பாலகிருஷ்ணன் க, எண்.73 N . வெள்ளாளபட்டி VI, நொச்சிப்பட்டி	85822.00	24.30	21.60
	போஸ்ட், ஊத்தங்கரை தாலுகா, கிருஷ்ணலிரி DTY - 635207	<u></u>	-5	
8)	A/c.No.776306540008879, வீறூர்கவன். த/பெ நடராகன்,			
	105 வேடப்பட்டி வெள்ளாளபட்டி போஸ்ட்,	132306.21	37-90	34.20
	ஊத்தங்கரை தாலுகா, கிருஷ்ணகிரி மாவட்டம் - 635304	WAY CORESTONATE	10000	1 6600
III) gm	நாத புரம்புதூர் கிளை :	- 23	dhi	yii .
1)	A/c No. 155326540001810, பாலகிருஷ்ணன்,			
	த/பெ குறாரசாமி 18 86, பொள்ளம்மா புத்தூர் பட்டைதாயன்	227891.00	65.00	57.00
	குட்டை சேந்தமங்கலம் கலப்பறாயக்கன்பட்டி		2002/02/03/	50756357
	நாமக்கல் - 637409		li,	
2)	A/c. No. 155326540001141, முறுகேசன் எஸ்.என்.		11	
	த/பெ நடறாகன். 372 வெண்டாங்கி வளவண்டிகொம்பை.	256454.00	79.50	69.00
	சேந்தமாக்கலம் தாலுகா, நாமக்கல் மாவட்டம் - 637409	(2) (1) (2) (1) (2) (2) (2) (2)	1.0000000	500,00
IV) Ge	ந்தமஸ்கலம் கிளை :		*	-
1)	/c No.776206540000555, சுறேல் ஆர். த/பெறானு			
	5 28. சின்னபள்ளம்பாறை பள்ளம்பாறை.	54274.23	18.30	16.50
	சேந்தமங்கலம் தாலுகா, நாமக்கல் மாவட்டம் - 637409	34614.60	10.30	10.00
2)	A/c No.776206540001968, @emi/Janoxitral.			
-,	[- 10 To g	79497 64	28.50	25.00
	த/பெ வெள்ளையன், 4 73 பள்ளம்பாறை, சேந்தமங்கமம்	72197.64	28,50	25.00
21	вповню, дибуряв - 637409	-		_
3)	A/c No.776206540002120, @emi/Serraid all.	20725 67	40.00	****
	த/பெ வெள்ளையன், 4 73 uehendrunarp, சேந்தமங்கலம்	39725.35	15.80	14.00
	நாமக்கல், தமிழ்நாடு - 637409			
4)	A/c No.776206540003768, mnobulidi g. credi.7 316.	Y		//
	கோணன்காடு கிழக்கு தெரு. காந்தியூம், சேந்தமாங்கலம்	10015.50	5.00	3.50
	தாலுகா, நாமக்கல் மாவட்டம் - 637409		1.	
-	· control of the cont			

A/c No.776206540005822, திபன்சக்கரவர்த்தி ஆர்.

பட்டி போஸ்ட், நாமக்கல் மாவட்டம் - 637409

வெளியீட்டு நாள் : 14-01-2024

த/பெ நாமச்சந்திரன். 6 231 வடக்கு தெரு. கொண்டப்பநாயக்கன்

61470.23

17.20

அஸ்கீகாரம் பெற்ற அதிகாரி.

15.50

உடனடிச் செய்திகள் சூடாக சுருக்கமாக...



____ திய வடிவில்... திய வண்ணத்தில்...

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CHANGE OF NAME

I, **THASIAH,** S/o.Appavoo Nadar born on 16th March 1952 (District of birth Kanyakumari) residing at No 5-151, Thanivilai, hoor, Aruvikkarai, Kanyakumari Pin-629177, Shal henceforth be as **JEEVADHAS A** S/o.Ap pavunadar



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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, 322/2F, 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, 316/3B, 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, 315/1C, 316/1A, 316/1B, 316/2A, 316/3G, 318/1A, 315/1A, 317/1A, 317/2A2, 317/2A4, 317/2A5, off THIMIJEPALLI 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,

THIMIJEPALLI 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, 315/4D, 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,

THIMIJEPALLI 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 sta	ck:		
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, 324/1A, 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, 313/3B, 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, 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, 317/2A5, 316/1B, 315/4C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 316/1B, 315/1C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 316/1B, 315/1C, 316/1F, 316/3D, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 316/1B, 315/1A, 316/3P, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 316/1B, 315/1A, 316/3P, 317/1B, 315/4D, 316/1C, 317/1A, 317/2A2, 317/2A4, 317/2A5, 316/1B, 316/3P, 317/1B, 315/4D, 316/1C, 317/4A, 317/2A5, 316/1B, 316/3P, 317/4B, 315/

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, 315/1B, 315/1C, 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, 315/4D, 316/1C, 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,

THIMIJEPALLI 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				

	Mobile Phones		
2	The unit shall provide Sewage Treatment Plant and for Efflu	uent Treatment Plant	s indicated below

a	Sewage Treatment Plant:		
	Treatment	status: Individual ST	P
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 m3/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 m3/Hr
17.	UV System	1	75 m3/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	1	3.0 x 2.0 x 3.0
29.	RO System Stage 2	1	2 m3/Hr
30.	RO Stage 2 Reject	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

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. 3.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Ty	pe : 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 Ty	pe : 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. 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.
- 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**

SHIVA Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India Te : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com N : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

TC-12626

		Report ronment)	·
Matrix: Stack Emission		,	
Sample Reference Name:	CHARGES FOR DG / OTHER STAC	CK MONITORING	
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-	02	
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006004
Group	Atmoshperic 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	Nm³/Hr	5999	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	54.2	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	280	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm³	89	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm³	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 SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

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

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.

	S(INDIA)		
First Test On	16-MAY-2024	Last Test On	18-MAY-2024
Authorized Signatory	SURISH 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			



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		Report ronment)	
Matrix: Stack Emission	(Envi	omment)	
	CHARGES FOR DG / OTHER STAC	K MONITORING	
Sample Reference Name:	Stack attached to 2250 KVA DG Set-		
Sample Identification/Details:	Chemical	Contract Agreement/Test	05240514006004
Discipline	Chemical	Report.No.	
Group	Atmoshperic 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----

Last Test On Authorized On	21-MAY-2024
Printed on: 22-MAY-2024	
Page No.: 2 of 2	



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	TC-12626	Description			
		Report ronment)			
Matrix: Stack Emission	(Envi				
Sample Reference Name:	CHARGES FOR DG / OTHER STAC	CK MONITORING			
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-04				
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006005		
Group	Atmoshperic 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	Nm³/Hr	6249	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	48.9	75 max /	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	251	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm³	91	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm³	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 SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

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

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	Authoriza B Signatury SURESH RAO, M. (Assistant	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Manager)	Printed on: 22-MAY-2024	
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TC-12626

	Toet	Report			
		ronment)			
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	Atmoshperic 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			

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 WD/A/	Last Test On	18-MAY-2024	
Authorized Signatory	SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024	
Printed by: Venugopala.N	148 + 03	Printed on: 22-MAY-2024		
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		Report ronment)			
Matrix: Stack Emission					
Sample Reference Name: CHARGES FOR DG / OTHER STACK MONITORING					
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-	Stack attached to 2250 KVA DG Set-01			
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006006		
Group	Atmoshperic 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	Ouantity of emission	Nm³/Hr	6126	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	52.4	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	262	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm³	90	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm³	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 SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

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

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(INDIA)	Last Test On	18-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	7/4c + 033	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			



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	TC-12626 Test	Report			
	(Envir	ronment)			
Matrix: Stack Emission					
Sample Reference Name:	CHARGES FOR DG / OTHER STAC				
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-	Stack attached to 2250 KVA DG Set-01			
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006006		
Group	Atmoshperic 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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	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-----

SURESH RAO, M (Assistant	Authorized On	21-MAY-2024
S # 03	Printed on: 22-MAY-2024	
	Page No.: 2 of 2	
	A Canadary	SURESH RAO.M (Assistant Manager) Printed on: 22-MAY-2024



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TC-12626

	Test	Report		
	(Envir	ronment)		
Matrix: Stack Emission	- W			
Sample Reference Name:	CHARGES FOR DG / OTHER STAC			
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-02			
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006007	
Group	Atmoshperic 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	Nm³/Hr	6163	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	51.8	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	266	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm³	91	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm³	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 SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

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

The results reported above pertains only to the tested samples and applicable parameters.	
Samples which are degradable will be disposed immediately after testing and others will be disposed test certificate unless otherwise specified.	sposed after one month from the date of issue of

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	35 × 03	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			



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TC-12626

		Report ronment)			
Matrix: Stack Emission					
Sample Reference Name:		CHARGES FOR DG / OTHER STACK MONITORING			
Sample Identification/Details:	Stack attached to 2250 KVA DG Set-0	Stack attached to 2250 KVA DG Set-02			
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006007		
Group	Atmoshperic 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			

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	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	18 + 03	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			

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	TC=12626 Test	Report			
	(Envir	ronment)			
Matrix: Stack Emission					
Sample Reference Name:	CHARGES FOR DG / OTHER STAC				
Sample Identification/Details:	HSD Fired boiler (for ETP Evaporator	HSD Fired boiler (for ETP Evaporator) 850Kg/Hr			
Discipline	Chemical	Contract Agreement/Test Report.No.	05240514006008		
Group	Atmoshperic 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	Nm³/Hr	21814	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	25.1	75 max /	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	82	710 max	IS 11255 (Part-7) (RA:2017)
6	Carbon monoxide (as CO)	mg/Nm³	53	150 max	IS 5182 (Part-10) Online analyzer method (RA:2014)
7	Non methane hydrocarbons	mg/Nm³	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 SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985

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

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	7
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Sampling Plan

Sample Method

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> Vayubodhan Upakaran Pvt Ltd, Stack Sampler VSS 01,SA -

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

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	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.

Sampling/Analysis

During sampling

Environmental Conditions

SOP/ENV/026

SOP/ENV/022

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	X	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			



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	TC-12026 Test	Report	
		ronment)	
Matrix: Stack Emission			4-
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING	
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	Ouantity of emission	Nm³/Hr	53765	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	6.8	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	Below	710 max	IS 11255 (Part-7) (RA:2017)
J			Detection Limit of 1		
6	Nickel (as Ni)	mg/Nm³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm³	Below detection limit of 1	35 max	USEPA Method 26

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

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

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TC-12626

	TG-12626 Test	Report			
		ronment)			
Matrix: Stack Emission					
Sample Reference Name:					
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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	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	3 × 03	Printed on: 22-MAY-2024	
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	Test	Report		
	(Envi	ronment)		
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	Nm³/Hr	56677	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	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/Nm³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm³	Below detection limit of 1	35 max	USEPA Method 26

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

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 NDIA	Last Test On	16-MAY-2024
Authorized Signatory	+ F Zottonied St. B	Authorized On	21-MAY-2024
	SURESH RAO,M (Assistant Manager)		
Printed by: Venugopala.N	140 031	Printed on: 22-MAY-2024	
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	TC-12626 Test	Report	
		ronment)	
Matrix: Stack Emission	(23.1	,	
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING	
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	

	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 i 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 16-MAY-2024 S (IND). Last Test On 16-MAY-2024
Authorized Signatory Authorized On 21-MAY-2024

SURESH RAO.M (Assistant m Manager)

Printed on: 22-MAY-2024

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	- 12020	Report ronment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING	
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	Nm³/Hr	59480	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	6.0	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	Below Detection	710 max	IS 11255 (Part-7) (RA:2017)
	I		Limit of 1		
6	Nickel (as Ni)	mg/Nm³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm³	Below detection limit of 1	35 max	USEPA Method 26

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

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	16-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	3 * 03	Printed on: 22-MAY-2024	
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		Report ronment)	
Matrix: Stack Emission			
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING	
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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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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	1(-1/0/0	Report ronment)				
Matrix: Stack Emission						
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING				
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			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	Nm³/Hr	55891	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	7.4	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	Below Detection	710 max	IS 11255 (Part-7) (RA:2017)
6	Nickel (as Ni)	mg/Nm³	Limit of 1 < 0.01	Not specified	USEPA Method 29:2017
7 Sulphur dioxide (as SO2)		mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm³	Below detection limit of 1	35 max	USEPA Method 26

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

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	16-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	3 * 03	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 2	
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TC-12626

	TC-12626 Test	Report				
	(Envir	ronment)				
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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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	35 ¥ 03	Printed on: 22-MAY-2024	
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	TC-12626 Test	Report				
		ronment)				
Matrix: Stack Emission						
Sample Reference Name:	ample 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	Nm³/Hr	56811	Not Specified	IS 11255 (Part-3) (RA:2018)
4	Particulate matter	mg/Nm³	9.0	75 max	IS 11255 (Part-1) (RA:2014)
5	Nitrogen oxides (as NO2)	ppmv	Below	710 max	IS 11255 (Part-7) (RA:2017)
			Detection Limit of 1		
6	Nickel (as Ni)	mg/Nm³	< 0.01	Not specified	USEPA Method 29:2017
7	Sulphur dioxide (as SO2)	mg/Nm³	Below Detection Limit of 1	Not Specified	IS 11255 (Part-2):1985
8	Acid mist	mg/Nm³	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.
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	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Manager) 03	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			



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	TO 19000					
		Report ronment)				
75 1 6 1 7 1 1 1	(Elivi	ronnient)				
Matrix: Stack Emission	CHARGES FOR ANO STACK MON	ITOPING.				
Sample Reference Name:	CHARGES FOR ANO STACK MONITORING					
Sample Identification/Details:	Scrubber No # 3	C t the control Treet	05240514006013			
Discipline	Chemical	Contract Agreement/Test Report.No.				
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	Date of Booking	14-MAY-2024			
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113					
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				

	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
Authorized Signatory

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Last Test On 16-MAY-2024
Authorized On 21-MAY-2024

Printed on: 22-MAY-2024

Page No.: 2 of 2

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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		Report ronment)					
Matrix: Ambient Air							
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	CHARGES FOR AMBIENT AIR ANALYSIS					
Sample Identification/Details:	Near Substation area (East)	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_6H_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
Printed by: Venugopala.N	3 * 03	Printed on: 22-MAY-2024	
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TC-12626

	TC-12626			
		Report ronment)		
Will a character and Alba	(Envi	onment)		
Matrix: Ambient Air	CHARGES FOR AMBIENT AIR AN	ALVSIS		
Sample Reference Name:		ALISIS		
Sample Identification/Details:	Near Substation area (East)	Contract Agreement/Test	05240514006015	
Discipline	Chemical	Report.No.		
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	Date of Booking	14-MAY-2024	
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113			
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		

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

First Test On	16-MAY-2924 5 (IIID14)	Last Test On	18-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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	- 12020	Report ronment)	
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	ALYSIS	
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/m³	65.0	100 max	IS: 5182 (Part-23)
2	Particulate matter size less than 2.5 microns(PM 2.5)	μg/m³	36.8	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	32.9	80 max	IS:5182 (Part-6)
5	Ammonia (as NH ₃)	μg/m³	34.4	400 max	IS: 5182 (Part-25)
6	Ozone (as O ₃)	μg/m³	28.4	100 max	IS 5182 (Part-9)
7	Carbon monoxide (as CO)	mg/m³	1.22	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	3.3	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	
	(Envi	ronment)	
Matrix: Ambient Air			
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	ALYSIS	
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: 7	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.
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.
178.	
	End of Report

First Test On	16-MAY-2024 5	Last Test On	18-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant To Manager)	Authorized On	21-MAY-2024
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TC-12626

		Report		
	(Envi	ronment)		
Matrix: Ambient Air				
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	ALYSIS		
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)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	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	Authorized . Be	Authorized On	21-MAY-2024
	SURESH RAO.M (Assistant Manager)		
Printed by: Venugopala.N	* O3	Printed on: 22-MAY-2024	
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	TO 10000	Report ronment)	
Matrix: Ambient Air	(Envi	Tournelle	
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	ALYSIS	
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	Date of Booking	14-MAY-2024
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113		
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.
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	18-MAY-2024
Authorized Signatory	SURESH RAO,M.(Assistant	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Manager	Printed on: 22-MAY-2024	
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	10-12020	Report ronment)			
Matrix: Ambient Air					
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	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_6H_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 - (IND)	Last Test On	18-MAY-2024
Authorized Signatory	SURESH RAO, M (Assistant-Managet) (Emp. 10. 529)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	(3)	Printed on: 22-MAY-2024	
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		Report ronment)			
Matrix: Ambient Air	(23.7.				
Sample Reference Name:	CHARGES FOR AMBIENT AIR AN	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			

	Terms And Conditions
10.00	
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.

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Authorized Signatory	SURESH RAO M (Assistan Manager)		
	1 /55	Authorized On	21-MAY-2024
First Test On	16-MAY-2024 S (IND)	Last Test On	18-MAY-2024

SH V

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	TG-12626			
	Test	Report		
	(Envi	ronment)		
Matrix: Noise	AND SES FOR A CRIENT NOISE	MONITORING		
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
(A)	ode Category of area Industrial area Commercial areaResidential area	75 65		55	

	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 RAQ.M (Assistant	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Managery, 03	Printed on: 22-MAY-2024	
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		Report ronment)	
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE	MONITORING	
Sample Identification/Details:	Near Substation area (East)	W	
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.		A A A A A A A A A A A A A A A A A A A
	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	Wanage)	Printed on: 22-MAY-2024	
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		Report ronment)	
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
Area Co	Category of area Industrial area	Day Time Limits in	(I) EXQ	Night Time Limits in dB(A) Leq	

	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	\$ + 03	Printed on: 22-MAY-2024	
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CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

TC-12626

	TC-12626 Test	Report	
	(Envi	ronment)	
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	Date of Booking	14-MAY-2024
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt,		
	Tamilnadu- 635113		
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
10.0	

First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	SURESH RAO M (Assistan)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Manager)	Printed on: 22-MAY-2024	
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	Andre Mark and a	Report ronment)	
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
<u> </u>	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

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	Authorized Authorized Suresh RAO:M (Assistant Manager)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	3 7 03	Printed on: 22-MAY-2024	
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	11.612020	Report ronment)	
Matrix: Noise			
Sample Reference Name:	CHARGES FOR AMBIENT NOISE	MONITORING	
Sample Identification/Details:	cation/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——
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First Test On	17-MAY-2024	Last Test On	17-MAY-2024
Authorized Signatory	Surresh RAO.M (Assistant Manager)	Authorized On	21-MAY-2024
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	TC-12626		
		Report ronment)	
Matrix: Noise	(Envi.	Tomilent)	
112001111111111111111111111111111111111	CHARGES FOR AMBIENT NOISE	MONITORING	
AMP TO THE TOTAL			
Sample Identification/Details:	Near WTP area(North)	Contract Agreement/Test	05240514006022
Discipline	Chemical	Report.No.	
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

(D)-----50-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	X 03	Printed on: 22-MAY-2024	
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TC-12626

	TC-12626	Description	
		Report ronment)	
Matrix: Noise	(2.11.1		
Sample Reference Name:	CHARGES FOR AMBIENT NOISE I	MONITORING	
ample 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

-	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
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		Report ronment)				
Matrix: Stack Emission	(Envi	Tomment,				
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING				
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/Nm³	<1	40 max	АРНА
Remark	s: The Requirement mentioned her		ent Protection Act-198	S V A J / H	1 1 = 1 = 2
			Terms And Condi	tions	
C M.			Descr	ntian	
S.No	The results reported above pe	ertains only to the test		-	
2	Samples which are degradable test certificate unless otherwise	le will be disposed im	imediately after testing	and others will be disposed after on	e month from the date of issue of
3	Total liability of our laborator	ry is limited to the in	voiced amount.		
4	This report is not to be repro- any advertising media withou	duced either wholly o at prior written permi	r in part and cannot be ssion.	used as an evidence in the Court of	Law and should not be used in
5	In case any reconfirmation of	contents of this test	certificate is required,	please contact our office.	
6	Sampling is not done by us u	nless specified.			
7	Any discrepancy in the Test C	Certificate should be	notified within 30 days		
	Any discrepancy in the Test C	niess specified. Certificate should be	notified within 30 days		

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	17Minger/	Printed on: 22-MAY-2024	
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Format No.F/SAIL/7.1/08			



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CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

		Report ronment)				
Matrix: Stack Emission						
Sample Reference Name:	CHARGES FOR ANO STACK MON	CHARGES FOR ANO STACK MONITORING				
Sample Identification/Details:	Scrubber (STACK 36 to 56)No # 5	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/Nm³	<1	40 max	АРНА
emark	s: The Requirement mentioned her	re is as per Environm	ent Protection Act-198		
			Terms And Condi	tions	
			Terms And Condi	110115	
S.No			Descr		
1	The results reported above po	ertains only to the tes	ted samples and application	ible parameters.	
2	test certificate unless otherwi	se specified.		and others will be disposed after on	e month from the date of issue of
3	Total liability of our laborato	ry is limited to the in	voiced amount.		
4	This report is not to be repro- any advertising media withou	duced either wholly out prior written permi	r in part and cannot be ssion.	used as an evidence in the Court of	Law and should not be used in
5	In case any reconfirmation of	f contents of this test	certificate is required,	olease contact our office.	
6	Sampling is not done by us u	nless specified.			
7	Any discrepancy in the Test	Certificate should be	notified within 30 days		
			End of Repor		

First Test On	16-MAY 2024	Last Test On	16-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Manager) 45	Printed on: 22-MAY-2024	
Copy No.: 1		Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			



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		Report ronment)			
Matrix: Stack Emission	(23.1.2				
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING			
Sample Identification/Details:	Scrubber(STACK 94 to 114) No # 9	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			

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t be used in

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	SURESH RAOM (Assistant	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Manager)	Printed on: 22-MAY-2024	
Copy No.: 1	T.	Page No.: 1 of 1	
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		Report ronment)				
Matrix: Stack Emission						
Sample Reference Name:	CHARGES FOR ANO STACK MON	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				

mg/Nm³		REQUIREMENTS	PROTOCOL/TEST METHOD
	<1	40 max	АРНА
mentioned here is as per Enviror	nment Protection Act-1986	V A V-A V	
	Terms And Condit	ions	
	Descri	ption	
orted above pertains only to the	tested samples and applica	ble parameters.	
are degradable will be disposed	immediately after testing	and others will be disposed after on-	e month from the date of issue of
f our laboratory is limited to the	invoiced amount.		
ot to be reproduced either wholl media without prior written per	y or in part and cannot be mission.		Law and should not be used in
onfirmation of contents of this te	est certificate is required, p	lease contact our office.	
* d m . C C	be notified within 30 days.		
h h e o	ported above pertains only to the that are degradable will be disposed unless otherwise specified. of our laboratory is limited to the not to be reproduced either wholly g media without prior written perconfirmation of contents of this test done by us unless specified.	Descriported above pertains only to the tested samples and applicate hare degradable will be disposed immediately after testing sunless otherwise specified. of our laboratory is limited to the invoiced amount, not to be reproduced either wholly or in part and cannot be g media without prior written permission. confirmation of contents of this test certificate is required, put the done by us unless specified.	of our laboratory is limited to the invoiced amount. not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of g media without prior written permission. confirmation of contents of this test certificate is required, please contact our office. ot done by us unless specified.

First Test On	16-MAY-2024	Last Test On	16-MAY-2024
Authorized Signatory	SURESH RAOM (Assistant	Authorized On	21-MAY-2024
Printed by: Venugopala.N	Wantegory (Emp. 10. 529)	Printed on: 22-MAY-2024	
Copy No.: 1	45 + 031	Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			



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CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

		t Report (ronment)		
Matrix: Stack Emission				
Sample Reference Name:	CHARGES FOR ANO STACK MON	ITORING		
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	

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST METHOD			
1 1	Alkali Mist	mg/Nm³	< 1	40 max	АРНА			
emarks:	The Requirement mentioned here	is as per Environme	ent Protection Act-1980	VAVA				
			Terms And Condi	ions				
S.No.			Descri	ntion				
1	The results reported above perta	ins only to the test						
2					month from the date of issue			
	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:		oiced amount.					
4	This report is not to be reproduc	ed either wholly or	r in part and cannot be	used as an evidence in the Court of L	aw and should not be used in			
	any advertising media without p							
5	In case any reconfirmation of co	ontents of this test of	certificate is required, p	lease contact our office.				
5	Sampling is not done by us unless specified.							
6	Sampling is not done by us unle	or observed.	Any discrepancy in the Test Certificate should be notified within 30 days.					

First Test On	16-MAY-2024 UNDIA	Last Test On	16-MAY-2024
Authorized Signatory	SURESHERAO.M (Assistant Manageria (Emp. 10. 529)	Authorized On	21-MAY-2024
Printed by: Venugopala.N	4	Printed on: 22-MAY-2024	
Copy No.: 1	32 4 03	Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			

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		st Report	
Matrix: Waste Water	(En	vironment)	
Sample Reference Name:	CHARGES FOR INCOMING EFFI	Y (FIX Yes)	
Sample Identification/Details:	Acid/Alkali effluent from Ano plant	LUENT ANALYSIS	
Discipline	Chemical Chident from Ano plant		
	Chemical	Contract Agreement/Test	05240510005886
Group	Pollution and Environment	Report.No.	
Issued To	TATA ELECTRONICA TOTAL	Date of Sample Collection	09-MAY-2024
	TATA ELECTRONICS PRIVATE	Date of Receipt	10-MAY-2024
Address	LIMITED		10-111-2024
	TATA ELECTRONICS PRIVATE	Date of Booking	10-MAY-2024
	LIMITED		10-WAY-2024
	SF NO. 308-327, Thimjepalli	W	
	village, Kelamangalam - Rayakottai		
	Road Hosur Taluk, Krishnagiri Dt,		
	Tamilnadu- 635113		
ime/Duration . CC			(
ime/Duration of Sampling)	Date of Start of Analysis	
ocation of Sample Collection	•	Date of End of Analysis	11-MAY-2024
O / Reference No./Date	3200008182/13.07.2023	Date of End of Analysis	29-MAY-2024
ampling Plan	SOP/ENV/026	Date of Issue of Report	29-MAY-2024
		Instrument used for	-
ample Method	SOP/ENV/024	Sampling/Analysis	
		Environmental Conditions	-
		During sampling	

S.NO	TEST	UNIT	DD6:		
		UNIT RESULTS REQUIR		REQUIREMENTS	PROTOCOL/TEST
1	pH Value				METHOD
2	Total Dissolved Solids		1.4	5.5 - 9.0 max	
	Biochemical oxygen demand (mg/l	38900	Not specified	IS 3025 (Part-11) 1983
	for 3 days @ 27°C)	mg/l	990	30 max	IS 3025 (Part-16): 1984
					IS 3025(Part-44)1993
.	Chemical Oxygen Demand	mg/I	2848	250 max	
				230 max	APHA 23rd Edition
					(P-5220B): 2017

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

S.No.

2

Description The results reported above pertains only to the tested samples and applicable parameters.

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. Total liability of our laboratory is limited to the invoiced amount. 3 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 4

Terms And Conditions

5 In case any reconfirmation of contents of this test certificate is required, please contact our office.

Sampling is not done by us unless specified.

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

--End of Report---

Authorized Signatory	20-MAY-2024 (IND/A)	Last Test On	20-MAY-2024
-8,	Authoriza Re	Authorized On	29-MAY-2024
	SURE SH RAO M (Assistant		
Printed by: Venugopala.N	Manager) (Emp. ID. 793)		
Copy No.: 1	140 1 03	Printed on: 30-MAY-2024	
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		st Report	
Matrix: Waste Water	(En	vironment)	
Sample Reference Name:	CHARGES FOR INCOMING EFFI		
Sample Identification/Details:	Chromium effluent from Ano plant	LUENT ANALYSIS	
Discipline	Chemical Chemical		
	one in the contract of the con	Contract Agreement/Test	05240510005887
Group	Pollution and Environment	Report.No.	
Issued To	TATA ELECTRONICS PRIVATE	Date of Sample Collection	09-MAY-2024
	LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE	~	
	LIMITED	Date of Booking	10-MAY-2024
	SF NO. 308-327, Thimjepalli		
	village, Kelamangalam - Rayakottai		
	Road Hosur Taluk, Krishnagiri Dt,		
	Tamilnadu- 635113	1	
ime/Duration of Sampling			
ocation of Sample Collection		Date of Start of Analysis	11-MAY-2024
O / Reference No./Date	3200000192/12 07 2000	Date of End of Analysis	29-MAY-2024
ampling Plan	3200008182/13.07.2023 SOP/ENV/026	Date of Issue of Report	29-MAY-2024
	SOT/EN V/020	Instrument used for	- 111111 2024
ample Method	COD/FNIL/1004	Sampling/Analysis	
-	SOP/ENV/024	Environmental Conditions	
		During sampling	

S.NO	TEST	UNIT	RESULTS		
		RESULIS	REQUIREMENTS	PROTOCOL/TEST	
1	pH Value				METHOD
2	Total Dissolved Solids	*** o /1	3.5	5.5 - 9.0 max	IS 3025 (Part-11) 1983
	Biochemical oxygen demand (mg/l	1526	Not specified	IS 3025 (Part-16): 1984
	for 3 days @ 27°C)	mg/l	520	30 max	IS 3025(Part-44)1993
	4 Chemical Oxygen Demand				15 3023(Part-44)1993
		mg/l	1472	250 max	ADIIA 00 1500
					APHA 23rd Edition (P-5220B): 2017

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

Terms And Conditions

S.No.	
1	The results reported above pertains only to the second Description
2	The results reported above pertains only to the tested samples and applicable parameters. Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of issue of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in the disposed after one month from the date of the likely in
3	Total Hability of our laboratory is limited to the inc.
4	any advertising media without prior written popularian
5	In case any reconfirmation of contents of this tools.
6	In case any reconfirmation of contents of this test certificate is required, please contact our office. Sampling is not done by us unless specified.
	Any discrepancy in the Test Certificate should be notified within 30 days.

First Test On Authorized Signatory	20-MAY-2024	Last Test On	100
Authorized Signatory	101		20-MAY-2024
Printed by: Venugopala.N	SURESH RAC MITASSISTANT Manager)	Authorized On	29-MAY-2024
Copy No.: 1	10 4 031	Printed on: 30-MAY-2024	
Format No.F/SAIL/7.1/08		Page No.: 1 of 1	

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TC-12626

	Test	Report	
		ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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	4	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

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.		

0-MAY-2024	Authorized On	00 34437 2024
Signator URESH RAO.M (Assistant Manager)	Audionized Oil	29-MAY-2024
12 × 0	Printed on: 30-MAY-2024	
	Page No.: 1 of 1	
	12/	fanager Printed on: 30-MAY-2024

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TC-12626

	16-12020				
		Report ronment)			
Matrix: Waste Water	(LIIVII	· OHIMACIAC)			
Sample Reference Name:					
ample 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

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.

29-MAY-2024	
Page No.: 1 of 1	
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TC-12626

		Report ronment)			
Matrix: Waste Water					
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT ANALYSIS			
Sample Identification/Details:	Rinse water from ANO - East	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

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
Printed by: Venugopala.N	HS I 03	Printed on: 30-MAY-2024	
Copy No.: 1		Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			

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TC-12626

		Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT ANALYSIS	
Sample Identification/Details:	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	<u>-</u>	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	g-a	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

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) (Emp. 1D. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	4	Printed on: 30-MAY-2024	
Copy No.: 1	135 ¥ 033	Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			

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TC-12626

14		Report ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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

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 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	1/40 + 03 ×	Printed on: 30-MAY-2024	
Copy No.: 1	N. A.	Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			

S | Part of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Flot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India rel:+91-80-2801 5333 Email:info@shivaanalyticals.com Website:www.shivaanalyticals.com CIN:U24230KA1994PTC125297 | GSTIN:29AACCS8434K1ZV

TC-12626

	Test	Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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
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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	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 ND/A/	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager) (Emp. 10. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	The same	Printed on: 30-MAY-2024	
Copy No.: 1	108 × 00	Page No.: 1 of 1	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India : +91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com : U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

TC-12626

		Report	
	(Envi	ronment)	
Matrix: Waste Water		AND	
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT ANALYSIS	
Sample Identification/Details:	Raw Sewage Inlet	w =	
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.
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
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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) (Emp. 10. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	(4)	Printed on: 30-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		Report ronment)	
Matrix: Waste Water	(EMV.		
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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

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	20-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager) (Fmp. 10, 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	(4)	Printed on: 30-MAY-2024	
Copy No.: 1	45 I 035	Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			

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TC-12626

		Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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	<u> </u>	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
1	The results reported above pertains only to the tested samples and applicable parameters.
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	test certificate unless otherwise specified.
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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.

First Test On	20-MAY-2024 (IND)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant) Manageri (Emp. ID. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	The same of the sa	Printed on: 30-MAY-2024	
Copy No.: 1		Page No.: 1 of 1	
Format No.F/SAIL/7.1/08			

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• भारत

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Pot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India eli:+91-80-2801 5333 Email:info@shivaanalyticals.com Website:www.shivaanalyticals.com

ON: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

	TC-12626 Test	Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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	

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

During sampling

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 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 (Emp. ID. 793)	Authorized On	29-MAY-2024	
Printed by: Venugopala.N	4 3	Printed on: 30-MAY-2024		
Copy No.: 1	45 + 03	Page No.: 1 of 2		
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	TC-12626 Test	Report		
		ronment)		
Matrix: Waste Water				
Sample Reference Name:	CHARGES FOR INCOMING EFFLU	JENT 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	
P' . T . O	20 MAY 2024	Lost Test On	20-MAY-2024

First Test On	20-MAY-2024 (UND)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager) (Emp. 10, 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	1900	Printed on: 30-MAY-2024	
Copy No.: 1	12 × 03	Page No.: 2 of 2	
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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

	16-12026		
		Report ronment)	
N	(Envi	i omiciti)	
Matrix: Water	CHARGE OWN/PERMITENET TREATE	ED WED ANALYSIS	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED WIR ANALI SIS	
Sample Identification/Details:	TWAD Water		0.50.40.51.000.5000
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			$\chi \chi \eta / / \eta \chi \Lambda$	
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	SURESTERAO M (Assistant Manageri (Emp. 10, 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	4 151	Printed on: 30-MAY-2024	
Copy No.: 1	10 + 032	Page No.: 1 of 7	
Format No.F/SAIL/7.1/08			



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	Test	Report	
		ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	-

			Limit of 0.1		
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	34.5	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	102	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	Below Detection Limit of 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)

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO,M (Assistant Manager) (Emp. 10. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	14 /8	Printed on: 30-MAY-2024	
Copy No.: 1	25 4 03	Page No.: 2 of 7	
Format No.F/SAIL/7.1/08			

SHIPPER OF the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		Report	
	(Envi	ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	fron (as Fe)	mg/l	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

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant, Manager) (Emp. ID. 791)	Authorized On	29-MAY-2024
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Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India +91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

		Report ronment)				
Matrix: Water	(Divi	- Comment				
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 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant, (Emp. 10, 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7/11/3/5	Printed on: 30-MAY-2024	
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		Report				
N. C. L. WY	(Епу	ronment)				
Matrix: Water	OHADOR OF DEEL HENT THE ATE	TO WITH ANIAI VEIC				
Sample Reference Name:						
Sample Identification/Details:						
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	-			

	77		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 (IND)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	TC-12626 Test	Report				
	(Envi	ronment)				
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	<u>-</u>	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

16-MAY-2024	Last Test On	20-MAY-2024
SURESH RAO.M (Assistant Manager) (Emp. 10, 753)	Authorized On	29-MAY-2024
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145 ± 03	Page No.: 6 of 7	
	SURESHI RAO.M (ASSISTANT	Authorized On SURESTIRAD M (Assistant Manager) Printed on: 30-MAY-2024

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TC-12626

	Test	Report				
	(Envi	ronment)				
Matrix: Water						
Sample Reference Name: CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS						
Sample Identification/Details:						
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
uthorize	d Signatory:Jyothi.Bachina (Assis	stant Manager)	Authorized Z Aut	horized On:17-MAY-2024	
		AN (E	Signatory mp. ID. 1082)		100
ote: Res	idual chlorine test is applicable or				
	rement mentioned here is as per IS	S 10500 : 2012 Dr	inking water specifica	tion.	
	rement mentioned here is as per IS	S 10500 : 2012 Dr.	inking water specifica	tion.	
	rement mentioned here is as per IS	S 10500 : 2012 Dr			
	rement mentioned here is as per IS	S 10500 : 2012 Dr	inking water specifica Terms And Con		
	rement mentioned here is as per IS	S 10500 : 2012 Dr			
	rement mentioned here is as per IS	S 10500 : 2012 On	Terms And Con		
he requi	The results reported above per		Terms And Con	ditions cription	
he requir	The results reported above per	tains only to the te	Terms And Con Dese	ditions cription	ne month from the date of issue of
S.No.	The results reported above per	tains only to the te	Terms And Con Dese	ditions cription icable parameters.	ne month from the date of issue of
S.No.	The results reported above per Samples which are degradable	tains only to the te will be disposed i e specified.	Terms And Con Description Steel samples and apples apples and apples and apples and apples and apples and apples apples apples and apples apples and apples apples and apples and apples apples and apples apples and apples apples and apples and apples apples apples and apples and apples apple	ditions cription icable parameters.	ne month from the date of issue of
S.No.	The results reported above per Samples which are degradable test certificate unless otherwise Total liability of our laboratory	tains only to the te will be disposed i e specified. y is limited to the in	Terms And Con Description Des	ditions cription icable parameters. ng and others will be disposed after or	
S.No. 1 2	The results reported above per Samples which are degradable test certificate unless otherwise Total liability of our laboratory	tains only to the te will be disposed i e specified. v is limited to the in uced either wholly	Terms And Con Description Sted samples and applemmediately after testin nvoiced amount. or in part and cannot be	ditions cription icable parameters.	
S.No. 1 2	The results reported above per Samples which are degradable test certificate unless otherwise Total liability of our laboratory This report is not to be reprodu any advertising media without	tains only to the te will be disposed it e specified. v is limited to the in aced either wholly prior written perm	Terms And Con Description Sted samples and applemmediately after testin nvoiced amount. or in part and cannot lassion.	ditions cription icable parameters. ng and others will be disposed after or the used as an evidence in the Court of	
S.No. 1 2 3 4	The results reported above per Samples which are degradable test certificate unless otherwise Total liability of our laboratory This report is not to be reprodu	tains only to the te will be disposed it e specified. vis limited to the in aced either wholly prior written permontents of this tes	Terms And Con Description Sted samples and applemmediately after testin nvoiced amount. or in part and cannot lassion.	ditions cription icable parameters. ng and others will be disposed after or the used as an evidence in the Court of	

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

First Test On	16-MAY-2024 (IND)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager) (Emp. 10. 79)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7111	Printed on: 30-MAY-2024	
Copy No.: 1	N N	Page No.: 7 of 7	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		Report ronment)	
Matrix: Water	,		
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	1			
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 (IND)	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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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		Report ronment)	
Matrix: Water	(Elivi	Tommenty	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	Acceptance Limit: 0.7 max	IS 3025 (Part-2) 2004 (RA
			Detection Limit of 0.1	Permissible Limit: 0.7 max	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 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager).	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7/40 000	Printed on: 30-MAY-2024	
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Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Pot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India +91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com CM: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

CHARGE-STP/EFFLUENT TREATE Borewell Water Chemical/Biological	Contract Agreement/Test	05240510005899
Borewell Water	Contract Agreement/Test	05240510005899
		05240510005899
Chemical/Biological		05240510005899
	Report.No.	
Water & Residues In Water	Date of Sample Collection	09-MAY-2024
TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
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
-	Date of Start of Analysis	11-MAY-2024
-	Date of End of Analysis	29-MAY-2024
3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
SOP/ENV/026	Instrument used for Sampling/Analysis	
SOP/ENV/024	Environmental Conditions	-
	LIMITED TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 3200008182/13.07.2023 SOP/ENV/026	LIMITED TATA ELECTRONICS PRIVATE LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113 Date of Start of Analysis Date of End of Analysis 3200008182/13.07.2023 Date of Issue of Report SOP/ENV/026 Instrument used for Sampling/Analysis

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 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Pot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India el : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com VIN : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

	TC-12626 Test	Report	
	(Envi	ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	

	CaCO ₃)			Permissible Limit: 600 max	2019)
2.23	Total hardness (as CaCO ₃)	mg/l	417	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.Ė) 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. 10. 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	(3)	Printed on: 30-MAY-2024	
Copy No.: 1	15 + 03×	Page No.: 4 of 7	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		st Report	
Matrix: Water	(En	vironment)	
Sample Reference Name:	CHARGE-STP/EEELLENG TRE AT		
Sample Identification/Details:	CHARGE-STP/EFFLUENT TREAT Borewell Water	ED WTR ANALYSIS	
Discipline	Chemical/Biological		
Chonn		Contract Agreement/Test Report.No.	05240510005899
Group	Water & Residues In Water	Date of Sample Collection	
Issued To	TATA ELECTRONICS PRIVATE	Date of Receipt	09-MAY-2024
	LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE	D. A. S.D. M.	
	LIMITED	Date of Booking	10-MAY-2024
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113		
Time/Duration of Sampling	-	Data 60	
ocation of Sample Collection	-	Date of Start of Analysis	11-MAY-2024
O / Reference No./Date	3200008182/13.07.2023	Date of End of Analysis	29-MAY-2024
ampling Plan	SOP/ENV/026	Date of Issue of Report	29-MAY-2024
ample Method		Instrument used for Sampling/Analysis	
	SOP/ENV/024	Environmental Conditions During sampling	-

			Detection	Permissible Limit: 0.02 max	2010)
3.7	Polychlorinated biphenyls (as		Limit of 0.01	and the state of t	2019)
3.8	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
3.9	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
	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		0.01		
11.1	Bromoform	mg/l	Below		APHA 23rd Edition (P-6232C) 2017
		mg/1	Detection Limit of 0.05	Acceptable Limit: 0.1 max Permissible Limit: 0.1 max	APHA 23rd Edition (P-6232C) 2017
	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
1.0	Bromodichloromethane	mg/l	Below	Acceptable Limit: 0.06 max	

First Test On Authorized Signatory	16-MAY-2024	Last Test On	20-MAY-2024
Signatory	SURESH RAO M ASSISTAN	Authorized On	29-MAY-2024
Printed by: Venugopala.N Copy No.: 1	Manager) (Emp. ID. 793)	Printed on: 30-MAY-2024	
Format No.F/SAIL/7.1/08	30 ¥ 037	Page No.: 5 of 7	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		st Report	
Matrix: Water	(En	vironment)	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	NEW YORK	
Sample Identification/Details:	Borewell Water	ED WTR ANALYSIS	
Discipline	Chemical/Biological		
	Chemical Biological	Contract Agreement/Test	05240510005899
Group	Water & Residues In Water	Report.No.	
Issued To	TATA ELECTRONICO PR	Date of Sample Collection	09-MAY-2024
	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE	7	
	LIMITED	Date of Booking	10-MAY-2024
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113		
Time/Duration of Sampling	_		
ocation of Sample Collection		Date of Start of Analysis	11-MAY-2024
O / Reference No./Date	3200008182/13.07.2023	Date of End of Analysis	29-MAY-2024
ampling Plan	SOP/ENV/026	Date of Issue of Report	29-MAY-2024
ample Method		Instrument used for Sampling/Analysis	
ample Method	SOP/ENV/024	Environmental Conditions During sampling	

3.11.4 Chloroform		Detection Limit of 0.05	Permissible Limit : 0.06 max	(P-6232C) 2017
S.11.4 Cinotolorin	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	I T O	
Authorized Signatory	7006	Last Test On	20-MAY-2024
g,	S (INDE	Authorized On	29-MAY-2024
Printed by: Venugopala.N	SURESH RAO M. (Assistant Manager) Signatory		
Copy No.: 1	15/	Printed on: 30-MAY-2024	
Format No.F/SAIL/7.1/08	40 1 021	Page No.: 6 of 7	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		st Report	
Matrix: Water	(En	vironment)	
Sample Reference Name:	CHARGE-STP/EEET LIENT TO E 40	NEWS AND ADDRESS OF THE PARTY O	
Sample Identification/Details:	CHARGE-STP/EFFLUENT TREAT Borewell Water	ED WTR ANALYSIS	
Discipline	Chemical/Biological	Contract Agreement/Test	05240510005899
Group	Water & David T	Report.No.	1100000033
Issued To	Water & Residues In Water	Date of Sample Collection	09-MAY-2024
	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	10-MAY-2024
Address Cime/Duration of Sampling	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
ocation of Sample Collection	-	Date of Start of Analysis	11-MAY-2024
O / Reference No./Date	2200008102/12 27	Date of End of Analysis	29-MAY-2024
ampling Plan	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
ample Method	SOP/ENV/026	Instrument used for Sampling/Analysis	-
ambre Metuod	SOP/ENV/024	Environmental Conditions During sampling	-

			De	ring sampling	
S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST
1	Microbiology				METHOD
1.1	E.Coli	/100ml	Absent	Y I A V A	
1.2	Coliform Bacteria	/100ml	Absent	Absent	IS 15185 :2016
	1	/Toolii	Ausent	Absent	IS 15185 :2016
	ed Signatory:Jyothi Bachina (Ass	AL S	ignatory -	norized On:17-MAY-2024	
te: Res e requir	idual chlorine test is applicable o rement mentioned here is as per I	nly when water sam S 10500 : 2012 Dru	ple is chlorinated.	on	
		100	Section specificati	OII.	
-			Terms And Cond	itions	
			Terms And Cond	itions	
1	The results reported above per	ains only to the test	Descr	iption	
	The results reported above per Samples which are degradable test certificate unless otherwise	specified	Descr ed samples and applic mediately after testing	iption	month from the date of issue of
	test certificate unless otherwise Total liability of our laboratory	specified.	Described samples and applicately after testing	iption able parameters. and others will be disposed after one	
2	test certificate unless otherwise Total liability of our laboratory This report is not to be reprodu any advertising media without	e specified. is limited to the invected either wholly or	Description Descri	iption able parameters. and others will be disposed after one used as an evidence in the Court of I.	
1 2 3	test certificate unless otherwise Total liability of our laboratory This report is not to be reprodu any advertising media without	e specified. is limited to the invected either wholly or	Description Descri	iption able parameters. and others will be disposed after one used as an evidence in the Court of I.	
1 2 3 4	Total liability of our laboratory This report is not to be reprodu any advertising media without In case any reconfirmation of c	is limited to the invoced either wholly or prior written permis	Description Descri	iption able parameters. and others will be disposed after one used as an evidence in the Court of I.	
1 2 3 4	Total liability of our laboratory This report is not to be reprodu any advertising media without In case any reconfirmation of c Sampling is not done by us unle	is limited to the invoced either wholly or orior written permissontents of this test c	Descrict Description of the property of the pr	ription able parameters. and others will be disposed after one used as an evidence in the Court of L	
1 2 3 4 5 6	Total liability of our laboratory This report is not to be reprodu any advertising media without In case any reconfirmation of c	is limited to the invoced either wholly or orior written permissontents of this test c	Descrict Description of the property of the pr	ription able parameters. and others will be disposed after one used as an evidence in the Court of L	

First Test On Authorized Signatory	16-MAY-2024	Last Test On	20-MAY-2024
Digitatory	SURESH RAD M PASSISTANT	Authorized On	29-MAY-2024 29-MAY-2024
Printed by: Venugopala.N Copy No.: 1	Manager) Signatdry m	Printed on: 30-MAY-2024	
Format No.F/SAIL/7.1/08	WS + 03	Page No.: 7 of 7	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

ot 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

		Report ronment)			
Matrix: Water					
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	12	Printed on: 30-MAY-2024	
Copy No.: 1	12 × 03	Page No.: 1 of 7	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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		Report ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	

	1		Limit of 0.1		\ - \ \ - \ \ - \ \ \ - \ \ \ \ \ \ \ \
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	22.2	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	28	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	Below Detection Limit of 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)

First Test On	16-MAY-2024 (IND)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant) Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7/11	Printed on: 30-MAY-2024	
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Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		Report ronment)	
Matrix: Water	(
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	Acceptable Limit: 1.0 max	IS 3025 (Part-2) 2004 (RA
	= W = 2		Detection Limit of 0.05	Permissible Limit : 1.0 max	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	Sclenium (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

First Test On	16-MAY-2024 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7/4	Printed on: 30-MAY-2024	
Copy No.: 1	(0 × 0)	Page No.: 3 of 7	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India el:+91-80-2801 5333 Email:info@shivaanalyticals.com Website:www.shivaanalyticals.com CIN:U24230KA1994PTC125297 | GSTIN:29AACCS8434K1ZV

	Test	Report	
	- (Envi	ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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 0.025	Permissible Limit : 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 (IND)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO.M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	The said	Printed on: 30-MAY-2024	
Copy No.: 1	C X	Page No.: 4 of 7	
Format No.F/SAIL/7.1/08			

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

	TC-12626 Test	Report	
		ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED WTR ANALYSIS	
Sample Identification/Details:	RO Drinking Water	710	
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 IND/A	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant	Authorized On	29-MAY-2024
rinted by: Venugopala.N	7/40 030	Printed on: 30-MAY-2024	
Copy No.: 1	N. A. C.	Page No.: 5 of 7	
Format No.F/SAIL/7.1/08			

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Pot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India Ho: ±+91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com Wbsite: www.shivaanalyticals.com

		Report ronment)				
Matrix: Water						
Sample Reference Name:	lame: 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 : 0.1 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-2024ND/A	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	The same	Printed on: 30-MAY-2024	
Copy No.: 1	10 X	Page No.: 6 of 7	
Format No.F/SAIL/7.1/08			

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	TC-12626 Test	Report	
	(Envi	ronment)	
Matrix: Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED WTR ANALYSIS	
Sample Identification/Details:	RO Drinking Water		1
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			A V V A D. A	
1.1	E.Coli	/100ml	Absent	Absent	IS 15185 :2016
1.2	Coliform Bacteria	/100ml	Absent	Absent	IS 15185 :2016
		(AL	TY ORLA		A. A.
uthorized	d Signatory:Jyothi.Bachina (Assis	stant Manager)	Autorized Aut	norized On:17-MAY-2024	
			Signatory =		
loto, Dosi	dual ablasina toot is aumliaable on		mp. ID. 1082)		
	dual chlorine test is applicable on			ion	
ne requir	rement mentioned here is as per IS	10300 : 2012 101	niking water specifical	IOII.	
			Terms And Con	ditions	
			Terms And Con	ditions	
S.No.			Desc	cription	
S.No. 1	The results reported above per		Desi	cription icable parameters.	
_	Samples which are degradable	will be disposed i	Desi	cription	ne month from the date of issue o
1		will be disposed i	Desi	cription icable parameters.	ne month from the date of issue o
1	Samples which are degradable test certificate unless otherwise Total liability of our laboratory	will be disposed in specified.	Deserted samples and appl mmediately after testing	eription icable parameters. ng and others will be disposed after or	
1 2	Samples which are degradable test certificate unless otherwise Total liability of our laboratory	will be disposed in specified.	Deserted samples and appl mmediately after testing	cription icable parameters.	
2 3	Samples which are degradable test certificate unless otherwise Total liability of our laboratory	will be disposed it especified. is limited to the it did either wholly	Dese ested samples and appl mmediately after testing invoiced amount. or in part and cannot be	eription icable parameters. ng and others will be disposed after or	
2 3	Samples which are degradable test certificate unless otherwise Total liability of our laboratory This report is not to be reprodu	will be disposed in specified. It is limited to the inceded either wholly prior written perm	Deserted samples and appl mmediately after testing nvoiced amount. or in part and cannot lassion.	eription icable parameters. ng and others will be disposed after or the used as an evidence in the Court of	
3 4	Samples which are degradable test certificate unless otherwise Total liability of our laboratory This report is not to be reproduany advertising media without	will be disposed in specified. It is limited to the inceed either wholly prior written permontents of this tess	Deserted samples and appl mmediately after testing nvoiced amount. or in part and cannot lassion.	eription icable parameters. ng and others will be disposed after or the used as an evidence in the Court of	

First Test On	16-MAY-2024	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager) (Emp. 10, 793)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	4	Printed on: 30-MAY-2024	
Copy No.: 1	45 + 031	Page No.: 7 of 7	
Format No.F/SAIL/7.1/08			

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ot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India rel: +91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

		Report				
	(Envi	ronment)				
Matrix: Waste Water						
Sample Reference Name:	nple 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/I	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 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant	Authorized On	29-MAY-2024
Printed by: Venugopala.N	1/40	Printed on: 30-MAY-2024	
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	TC-12626 Test	Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	

			limit of 0.01	\ <i>J7 /</i>	
15	Zinc (as Zn)	mg/l	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 (IND/4)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	THO SAN	Printed on: 30-MAY-2024	
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Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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TC-12626

		Report ronment)		
Matrix: Waste Water				
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED 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	-	

			0.01		
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	1.5	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
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 ND/A	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7/14 031	Printed on: 30-MAY-2024	
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Format No.F/SAIL/7.1/08			

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	TC-12626 Test	Report	
		ronment)	
N	(Ella)	Tomhenty	
Matrix: Waste Water	CITA D OF CED (CED) LICATOR TO CATE	CD WCD ANIATACIC	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREATE	ED WIR ANALYSIS	
Sample Identification/Details:	Sewage Outlet 1 (For Gardening)		10-00-00-00-00-00-00-00-00-00-00-00-00-0
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		
In a very constitution	I at Tat On	20 MAY 2024	

First Test On	20-MAY-2024 (IND/A)	Last Test On	20-MAY-2024
Authorized Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	7/110	Printed on: 30-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	TC-12626 Tes	st Report	
Matrix: Waste Water	(En	rironment)	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	ED HEED AND AND AND AND AND AND AND AND AND AN	
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)	ED WIR ANALYSIS	
Discipline	Chemical/Biological		
Constant		Contract Agreement/Test Report.No.	05240510005904
Group	Pollution and Environment	Date of Sample Collection	00 MAY 2024
Issued To	TATA ELECTRONICS PRIVATE	Date of Receipt	09-MAY-2024
4.11	LIMITED		10-MAY-2024
Address	TATA ELECTRONICS PRIVATE	Date of Booking	10-MAY-2024
	LIMITED		2024
	SF NO. 308-327, Thimjepalli		
	village, Kelamangalam - Rayakottai		
	Road Hosur Taluk, Krishnagiri Dt,		
	Tamilnadu- 635113		
Fime/Duration of Sampling			
Location of Sample Collection	-	Date of Start of Analysis	11-MAY-2024
O / Reference No./Date	-	Date of End of Analysis	29-MAY-2024
	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for	27-1411-2024
omnio Marka I		Sampling/Analysis	
ample Method	SOP/ENV/024	Environmental Conditions	
		During sampling	

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST
1	Temperature	°C	26	/_/_/\\	METHOD
2			26	Shall not exceed 5°C above the receiving water temperature.	IS 3025 (Part-9) 1983
	pH Value		8.0	5.5 - 9.0 max	70 000
3	Total Dissolved Solids	mg/l	1395		IS 3025 (Part-11) 1983
4	Suspended solids	mg/l	Below	Not specified	IS 3025 (Part-16): 1984
_			detection limit of 5	100 max	IS 3025 (Part-17): 2022
5	Chloride	mg/l	312	Not specified	
6	Sulphate	mg/l	151		IS 3025 (Part-32): 1988
7	Biochemical oxygen demand (mg/l	Below	Not specified	IS 3025 (Part-24): 1986
0	for 3 days @ 27°C)	mgr	detection limit of 1	30 max	IS 3025(Part-44)1993
8	Chemical Oxygen Demand	mg/l	4	250 max	APHA 23rd Edition
9	Oil and grease	mg/l	Below		(P-5220B): 2017
		mg, i	detection limit of 5	10 max	IS 3025 (Part-39) 2021
10	Fluoride(as F)	mg/l	1.1	2 max	
11	Sulphide (as S)	mg/l	Below		IS 3025(Part-60):2008
10			detection limit of 0,1	2 max	IS 3025 (Part-29): 2022
12	Copper (as Cu)	mg/l	Below detection	3 max	IS 3025 (Part-2): 2019
			limit of 0.05		
3	Boron (as B)	mg/l	0.55	N	
4 (Cadmium (as Cd)	mg/l		Not specified	IS 3025 (Part -2):2019
	()	mg/1	Below detection	2 max	IS 3025 (Part-2): 2019

First Test On	20-MAY-2024 (IND)	I and To a CO	
Authorized Signatory	10003 (111014)	Last Test On	20-MAY-2024
	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	Managery	Printed on: 30-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		st Report	
Matrix: Waste Water	(En	vironment)	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	PED WEED AND AND AND AND AND AND AND AND AND AN	
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)	ED WIR ANALYSIS	
Discipline	Chemical/Biological	Contract Agreement/Test Report, No.	05240510005904
Group	Pollution and Environment		
Issued To	TATA ELECTRONICS PRIVATE	Date of Sample Collection	09-MAY-2024
4))	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	
ocation of Sample Collection	-		11-MAY-2024
PO / Reference No./Date	3200008182/13.07.2023	Date of End of Analysis	29-MAY-2024
Sampling Plan	SOP/ENV/026	Date of Issue of Report	29-MAY-2024
		Instrument used for Sampling/Analysis	
ample Method	SOP/ENV/024	Environmental Conditions During sampling	-

16	(a)		limit of 0.01	TAF	
15		mg/l	Below detection limit of 0.05	5 max	IS 3025 (Part-2) 2019
16	Nickel (as Ni)	mg/l	0.02	3 max	
17	Cyanide (as CN)	mg/l	Below detection limit of 0.01	0.2 max	IS 3025 (Part-2) 2019 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	0.1 max	IS 3025 (Part-2):2019
20	Lead (as Pb)	mg/l	0.01 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 To 10	
Authorized Signatory	S (IND)	Last Test On	20-MAY-2024
-	SURESH RAO M (Assistant Manager) (mg 10, 19)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	Ividiagely (em) ID. 793	Printed on: 30-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Pot 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

TC-12626

		16-12626					
				st Report			
Mati	rix: Waste Water		(En	vironment)			
	ple Reference Name:	CUADCE CTD/CECT	The property of				
Sam	ple Identification/Details:	Sewage Outlet 2 (F	UENT TREAT	TED WTR ANALYSIS			
	pline	Sewage Outlet 2 (For	riusning)				
		Chemical/Biological		Contract Agreement/Test Report.No.	052	40510005904	
Grou		Pollution and Environ	ment Date of Sample Collection		00.1	£137,000 t	
	TATA ELECTRONICS PRIVATE LIMITED		Date of Receipt		09-MAY-2024 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		
ocati	Duration of Sampling on of Sample Collection			Date of Start of Analysis	11-M	11-MAY-2024	
O/R	deference No./Date	2200000102/12 07 707		Date of End of Analysis	29-MAY-2024 29-MAY-2024		
	ing Plan	3200008182/13.07.202	3	Date of Issue of Report			
		SOP/ENV/026		Instrument used for Sampling/Analysis			
ample	e Method	SOP/ENV/024		Environmental Conditions During sampling	-		
			0.01				
23	Mercury (as Hg)	mg/l	Below	0.01 max		IS 2025/Part 2\-2010	

23	Moroum (call)		0.01		
2.3	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	1,8	50	
26	Percent Sodium			50 max	IS 3025 (Part-34) 1988
		mg/l	52.7	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.	Deposited and
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	
Authorized Signatory	STINOIA		20-MAY-2024
Signatory	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	(A)	Printed on: 30-MAY-2024	
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Format No.F/SAIL/7.1/08		Page No.: 3 of 4	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

The control of the co

TC-12626

		st Report	
Matrix: Waste Water	(Env	vironment)	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	ED WITE ANALYSIS	
Sample Identification/Details:	Sewage Outlet 2 (For Flushing)	ED WIR ANALYSIS	
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005904
Group	Pollution and Environment	Date of Sample Collection	
Issued To	TATA ELECTRONICS PRIVATE	Date of Sample Collection	09-MAY-2024
4	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 37477000
ocation of Sample Collection	-	Date of End of Analysis	11-MAY-2024
O / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
Sampling Plan	SOP/ENV/026		29-MAY-2024
ample Method		Instrument used for Sampling/Analysis	
ambre Melliod	SOP/ENV/024	Environmental Conditions During sampling	-

End of Report

First Test On 20-MAY-2024 TOWN 11-1-15

Authorized Signatory	20-MAY-2024 UND	Last Test On	20-MAY-2024
Audiorized Signatory	SURESH RAO.M (Assistant	Authorized On	29-MAY-2024
Printed by: Venugopala.N	Manager) (Emp ID. 193)		
Copy No.: 1	1/2	Printed on: 30-MAY-2024	
Format No.F/SAIL/7.1/08	13 X	Page No.: 4 of 4	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	TC-12626 Tes	st Report	
		ironment)	
Matrix: Waste Water	(XIII)	n omnent)	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	FD WTP ANALVOIC	
Sample Identification/Details:	Trade Effluent - 1 RO Permeate & E	Vanoration Condensate Weter	
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
O / 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	1451	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	IG 2005 (D. 14) 15
3	Total Dissolved Solids	mg/l	174	Not specified	IS 3025 (Part-11) 1983
4	Suspended solids	mg/l	14	100 max	IS 3025 (Part-16): 1984
5	Chloride	mg/l	45	Not specified	IS 3025 (Part-17): 2022
6	Sulphate	mg/l	13		IS 3025 (Part-32): 1988
7	Biochemical oxygen demand (mg/l	15	Not specified	IS 3025 (Part-24): 1986
	for 3 days @ 27°C)	ilig/1	13	30 max	IS 3025(Part-44)1993
8	Chemical Oxygen Demand	mg/l	40	250 max	APHA 23rd Edition (P-5220B): 2017
	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
	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	0.03	2	
	Cadmium (as Cd)	mg/l	Below	Not specified	IS 3025 (Part -2):2019
	,	mÆ,t	detection limit of	2 max	IS 3025 (Part-2): 2019

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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

ot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India rel : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com CIN : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

TC 12626

	16*12020		
		t Report	
Matrix: Waste Water	(Env	ironment)	
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	ED WTD ANALYSIS	
Sample Identification/Details:	Trade Effluent - 1 RO Permeate & E	vanomtion Condensate W.	
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005905
Group	Pollution and Environment	Date of Sample Collection	00.14.45.
Issued To	TATA ELECTRONICS PRIVATE	Date of Receipt	09-MAY-2024
	LIMITED	Date of Receipt	10-MAY-2024
Address	TATA ELECTRONICS PRIVATE LIMITED	Date of Booking	10-MAY-2024
	SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113		
Time/Duration of Sampling		Date of Start of Analysis	11) 6 (1) (2)
ocation of Sample Collection		Date of End of Analysis	11-MAY-2024
O / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	29-MAY-2024
ampling Plan	SOP/ENV/026	Instrument used for	29-MAY-2024
		Sampling/Analysis	-
sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

1.5	Tr. (Tr.)		0.01		
15	Zinc (as Zn)	mg/l	Below detection limit of 0.05	5 max	IS 3025 (Part-2) 2019
16	Nickel (as Ni)	mg/l	0.37	3 max	IC 2025 (D. + 2) 2012
17	Cyanide (as CN)	mg/l	Below detection limit of 0.01	0.2 max	IS 3025 (Part-2) 2019 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/I	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 (IND/4)	Last Test On	100
Authorized Signatory			20-MAY-2024
	SURESH RAO M (Assistant Manager)	Authorized On	29-MAY-2024
rinted by: Venugopala.N	7/1 38	Printed on: 30-MAY-2024	
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ormat No.F/SAIL/7.1/08		Page No.: 2 of 3	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

		TC-12626				
			Te	st Report		
Mat	rix: Waste Water		(Env	rironment)		
	ple Reference Name:	CITADOE CODA				
Sam	ple Identification/Details:	Trado Effluent 1 De	LUENT TREAT	ED WTR ANALYSIS		
Disc	ipline	Chemical/Biological	J Permeate & E	vaporation Condensate Water		
Grou				Contract Agreement/Test Report.No.	052	240510005905
	ed To	Pollution and Enviro		Date of Sample Collection	09-	MAY-2024
	LIMITED			Date of Receipt	10-	MAY-2024
LIMITED SF NO. 308- village, Kela Road Hosur		TATA ELECTRONIC LIMITED SF NO. 308-327, The village, Kelamangalan Road Hosur Taluk, Ki Tamilnadu- 635113	imjepalli m - Rayakottai	Date of Booking	10-	MAY-2024
Cime/	Duration of Sampling			75		
ocat	ion of Sample Collection	_		Date of Start of Analysis		MAY-2024
0/1	Reference No./Date	3200008182/13.07.20	22	Date of End of Analysis	29-N	MAY-2024
	ling Plan	SOP/ENV/026	43	Date of Issue of Report	29-N	AAY-2024
		301/12111/020		Instrument used for	- -	
amp	le Method	SOP/ENV/024		Sampling/Analysis		
		3 37,21,11021		Environmental Conditions During sampling		
23	Mercury (as Hg)	mg/l	Below	0.01 max		
24	Total Residual Chlorine	mg/l	detection limit of 0.001 Below	1 max		IS 3025(Part-2):2019 IS 3025 (Part-26) 2021
0.5			detection limit of 0.1	1 \ \ \ \ / \ / \ / \ \		(**************************************
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
te: T	he requirement mentioned her	e are permissible limits as	per PCB conser	nt		
			Terms And	Conditions		
S.No				D 1 1		
1	The results reported above	e pertains only to the teste	d camples and	Description		
2	Samples which are degra- test certificate unless other	dable will be disposed imp	nediately after t	applicable parameters. esting and others will be disposed	after one mo	onth from the date of issue of
3		ratory is limited to the invo				
4	This report is not to be re	produced either wholly or thout prior written permiss	in part and cann	not be used as an evidence in the C	Court of Law	and should not be used in
5						
6	Sampling is not done by t	or contents of this test co	ertificate is requ	ired, please contact our office.		
7	Any discrepancy in the Te	est Certificate should be no	otified within 30	days.		
						-
			End of R	eport		
Test	On	20-MAY-2024 5 (IND/4)	T	ast Test On	20.354	7.2024
lorize	xd Signatory	101	-	-0. 103t OII	20-MAY	Y-2024

First Test On	20-MAY-2024 5 (INDIA)	Last Test On	20.25.55
Authorized Signatory	(0)		20-MAY-2024
	SURESH RAOM (Assistant Manager)	Authorized On	29-MAY-2024
Printed by: Venugopala.N	140 (3)	Printed on: 30-MAY-2024	
Copy No.: 1			
		Page No.: 3 of 3	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	1 Q - 1 Z U Z U	t Report			
Matrix: Waste Water	(Env	ironment)			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	ED WTD ANALYSIS			
Sample Identification/Details:	Trade Effluent - 2 Evanorator Concer	Trade Effluent - 2 Evaporator Concentrate water			
Discipline	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005906		
Group	Pollution and Environment	Date of Sample Collection	00 M M 0004		
ssued To	TATA ELECTRONICS PRIVATE LIMITED	Date of Receipt	09-MAY-2024 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		
ime/Duration of Sampling	-	Date of Start of Analysis	11-MAY-2024		
ocation of Sample Collection	-	Date of End of Analysis	30-MAY-2024		
O / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	30-MAY-2024		
ampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	-		
ample Method	SOP/ENV/024	Environmental Conditions During sampling	24.		

S.NO	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST
1	Temperature	°C	26	Shall not exceed 5°C above the	METHOD IS 3025 (Part-9) 1983
2	pH Value		5.1	receiving water temperature.	
3	Total Dissolved Solids	mg/l	298750	5.5 - 9.0 max	IS 3025 (Part-11) 1983
4	Suspended solids	mg/I		Not specified	IS 3025 (Part-16): 1984
5	Chloride		27590	100 max	IS 3025 (Part-17): 2022
6	Sulphate	mg/l	6331	Not specified	IS 3025 (Part-32): 1988
7	Biochemical oxygen demand (mg/l	17024	Not specified	IS 3025 (Part-24): 1986
	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
	Copper (as Cu)	mg/l	1.76	3 max	IG 2005 (D 0)
	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 IS 3025 (Part-2): 2019
15	Zinc (as Zn)	mg/l	6.29		
16	Nickel (as Ni)	mg/l	30.96	5 max	IS 3025 (Part-2) 2019
	Cyanide (as CN)	mg/l	Below	3 max	IS 3025 (Part-2) 2019
		IIIg/I	detection limit of	0.2 max	APHA 23rd Edition (P-450 CN.E): 2017

Authorized Signatory	Authorized	Authorized On	30-MAY-2024
	SURESH RAO,M (Assistant Manager)		
Printed by: Venugopala.N	ividilagery	Printed on: 30-MAY-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

ot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India el : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com

		st Report			
Matrix: Waste Water	(En	vironment)			
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	ED WTD AMALYCIG			
Sample Identification/Details:	Trade Effluent - 2 Evaporator Conce	CHARGE-STP/EFFLUENT TREATED WTR ANALYSIS Trade Effluent - 2 Evaporator Concentrate water			
Discipline Group	Chemical/Biological	Contract Agreement/Test Report.No.	05240510005906		
Issued To	Pollution and Environment	Date of Sample Collection	09-MAY-2024		
	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	11.26		
Location of Sample Collection	-	Date of End of Analysis	11-MAY-2024		
O / Reference No./Date	3200008182/13.07.2023	Date of Issue of Report	30-MAY-2024		
ampling Plan ample Method	SOP/ENV/026	Instrument used for Sampling/Analysis	30-MAY-2024 -		
ample Method	SOP/ENV/024	Environmental Conditions During sampling			

18	Total Chromium (as Cr)	17	0.01		
19	Hexavalent Chromium (as	mg/l	0.36	2 max	IS 3025 (Part-2): 2019
20	Cr+6)	mg/l	Below detection limit of 0.01	0.1 max	IS 3025 (Part-2):2019
20		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	0.05 max	IS 3025 (Part-2) 2019
22	Arsenic (as As)	mg/l	0.01		
3	Mercury (as Hg)	mg/l		0.2 max	IS 3025 (Part-2): 2004
4		nig/1	Below detection limit of 0.001	0.01 max	IS 3025(Part-2):2019
	Total Residual Chlorine	mg/l	Below detection limit of 0.1	1 max	IS 3025 (Part-26) 2021
5	Ammonical Nitrogen	mg/l	193.0	50 max	
)	Percent Sodium	mg/l	99.0		IS 3025 (Part-34) 1988
		-	22.0	Not specified	IS 3025 (Part 2): 2019 & By Calculation

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

Authorized Signatory	1 E Authority 2	Authorized On	30-MAY-2024
	SURESH RAO.M (Assistant		
rinted by: Venugopala.N	Manager) (Emp. 10. 793)		
opy No.: 1	74	Printed on: 30-MAY-2024	
ormat No.F/SAIL/7.1/08	A 40 00	Page No.: 2 of 3	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Flot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India 12: +91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

TC-12626

	10-12020			
		st Report		
Matrix: Waste Water	(Env	ronment)		
Sample Reference Name:	CHARGE-STP/EFFLUENT TREAT	ED WED AND AND AND AND AND AND AND AND AND AN		
Sample Identification/Details:	Trade Effluent - 2 Evaporator Conce	ED WIR ANALYSIS		
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 3443/2024	
Location of Sample Collection	-	Date of End of Analysis	11-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	30-MAY-2024	
ample Math.		Sampling/Analysis	•	
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-	

	Terms And Conditions
S.No.	
S.140.	Description
1	The results reported above pertains only to the tested samples and applicable assessment.
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-----

Authorized Signatory	P	
SURESH R Manager)	Authorized On O.M (Assistant	30-MAY-2024
Printed by: Venugopala.N	Printed on: 30-MAY-2024	
Copy No.: 1		
Copy No.: 1 Format No.F/SAIL/7.1/08	Page No.: 3 of 3	



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

		t Report ironment)	
Matrix: Waste Water	(Env	ironnient)	
Sample Reference Name:	CHARGES FOR INCOMING EFFL	HENT ANALYSIS	
Sample Identification/Details:	Cooling Tower	OLIVI ANALI SIS	
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 29-MAY-2024
Sampling Plan	SOP/ENV/026	Instrument used for Sampling/Analysis	- 27-IVIAY-2024
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

S.NO.	TEST	UNIT	RESULTS	REQUIREMENTS	PROTOCOL/TEST
1	Legionella(Bacteria)	/Litre	Absent	Not Specified	METHOD
	Q .			Not specified	SOP/MICRO/MOA/002
	10:		Tyothi	1 1 1 X X X X	
utnorize	ed Signatory:Jyothi.Bachina (Assis	tant Manager)	No.	Authorized On:21-MAY-2024	V V =====
					7
			Terms And	Conditions	
S.No.				D. 1.0	
1	The results reported above pertains only to the tested samples and applicable parameters.				
2	Samples which are degradable test certificate unless otherwise	will be disposed i	mmediately after	testing and others will be disposed after on	ne month from the date of issue of
3	Total liability of our laboratory	is limited to the i	nvoiced amount		
4	This report is not to be reprodu- any advertising media without	ed either wholly	or in part and car	anot be used as an evidence in the Court of	Law and should not be used in
5	In case any reconfirmation of co	ontents of this test	certificate is req	nired please contact our office	
6	Sampling is not done by us unle	ss specified.	vermiente is req	arrea, prease contact our office.	
7	Any discrepancy in the Test Cer	tificate should be	notified within 3	0 days	
7	Any discrepancy in the Test Cer	tificate should be		0 days. Report	

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

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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	10-12020	Report ronment)	
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 E 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	SURESHERAO M (Assistant	Authorized On	31-MAY-2024
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	TO ACCOM	Report ronment)	
Matrix: Waste Water	(Envi	ronment)	
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	

	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 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.

Authorized Signatory	Authorized On	31-MAY-2024
Manager) p. II	0.793)	
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	TC-12626 Test	Report	
	(Envi	ronment)	
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 ₂)	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 E 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

	URESH RAO M Assistant	Authorized On	31-MAY-2024
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		Report	
	(Envi	ronment)	
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	. 0:
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	-

Remarks: 1	BLQ-Below limit of quantification
	Terms And Conditions
	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.

L SCALE	Authorized On	31-MAY-2024
SURESH RAO M (Assistant Manager) (Emp. ID. 793)		
(2)	Printed on: 03-JUN-2024	
32 * 037	Page No.: 2 of 2	
	7.10	SURESH RAO M (Assistant Manager) (Emp. ID. 793) Printed on: 03-JUN-2024

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	111/0/0	Report ronment)	
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	- 1	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 F 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	Authorized On	31-MAY-2024
SURESH RAO N Manageri	(Assistant	
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	16-12020	Report ronment)	
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	<u> </u>	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
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.

	LS (INDIA)		
Authorized Signatory	SURESH RAOM Assistant Manager	Authorized On	31-MAY-2024
Printed by: Venugopala.N	7140 1 034	Printed on: 03-JUN-2024	
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		Report ronment)	
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 I 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/I	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	SURESH RAO M (Assistant	Authorized On	31-MAY-2024
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	TC-12626 Test	Report	
		ronment)	
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: I	BLQ-Below limit of quantification
	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 Poport

Authorized Signatory	Cal Ba	Authorized On	31-MAY-2024
	SURESTPRACIM (Assistant Manager)Emp. (D. 793)		
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India el:+91-80-2801 5333 Email:info@shivaanalyticals.com Website:www.shivaanalyticals.com CIN:U24230KA1994PTC125297 | GSTIN:29AACCS8434K1ZV

	10-19696	Report ronment)		
Matrix: Waste Water				
Sample Reference Name:	Water Analysis	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 E 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

Authorized Signatory	SURESH RAO M (Assistant Manager) (Emp. 10, 793)	Authorized On	31-MAY-2024
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Pot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

	. 0 . 2020	Report ronment)	
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	

	Terms And Conditions
S.No.	Description
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	SUNDIAL		
Authorized Signatory	SURESH RAO M (Assistant m Manager)	Authorized On	31-MAY-2024
Printed by: Venugopala.N	7/40 000	Printed on: 03-JUN-2024	
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	10-12020	Report		
	(Envi	ronment)		
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

Authorized Signatory	CALS TO S	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant		
Printed by: Venugopala.N	Manager) (Emp. ID. 793)	Printed on: 03-JUN-2024	
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	The Assessment of the Control of the		
		Report	
W	(Ели	ronment)	
Matrix: Waste Water	XX7		
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Activation, Tank no.:25	C. A.	05240522006404
Discipline	Chemical	Contract Agreement/Test Report.No.	03240322006404
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: 1	BLQ-Below limit of quantification
	Terms And Conditions
S.No.	Description
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Authorized Signatory	SURESH RAO M (Assistant Manager) (Emp. (D. 793)	Authorized On	31-MAY-2024
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ot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India 1el:+91-80-2801 5333 Email:info@shivaanalyticals.com Website:www.shivaanalyticals.com CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

		Report ronment)		
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 E 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

Authorized Signatory	S (IND/4)	Authorized On	31-MAY-2024
,	1 Sept		
	SURESH RAO M (Assistant		
	Manager (Emp. ID. 793)		
Printed by: Venugopala.N	4	Printed on: 03-JUN-2024	
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	10°12020	Report ronment)	
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	

	Q-Below limit of quantification
	Terms And Conditions
S.No.	Description
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	est certificate unless otherwise specified.
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ar	any advertising media without prior written permission.
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6 S	Sampling is not done by us unless specified.
7 A	Any discrepancy in the Test Certificate should be notified within 30 days.

Authorized Signatory	Authorized On	31-MAY-2024
SURE	r (Emp. ID. 793)	
Printed by: Venugopala.N	Printed on: 03-JU	N-2024
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TC-12626

		Report ronment)	
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/I	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

Authorized Signatory	Authorized SURESH RAO M (Assistant	Authorized On	31-MAY-2024
Printed by: Venugopala.N	Manager	Printed on: 03-JUN-2024	
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		Report ronment)	
	(Envi	ronment)	
Matrix: Waste Water	Turk		
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Sealing, Tank no.:100	1	0.70.40.70000(40)
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	-

Remarks: 1	BLQ-Below limit of quantification
	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-

Authorized Signatory	Authorized On	31-MAY-2024
SURESH Manager	AD NI PASSISTANT Signatory mp. ID. 793)	
Printed by: Venugopala.N	Printed on: 03-JUN-20	24
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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

	TC-12626 Test	Report	
	(Envir	ronment)	
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	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 F 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

Authorized Signatory	Authorized	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant Manager)		
Printed by: Venugopala.N	1/2 1 031	Printed on: 03-JUN-2024	
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		Report ronment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Blue Dye, Tank no.:83	100	
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	

	BLQ-Below limit of quantification
	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 o test certificate unless otherwise specified.
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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.
~	Any discrepancy in the Test Certificate should be notified within 30 days.

Authorized Signatory

Authorized On

31-MAY-2024

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		Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Black Dye, Tank no.:82		0.70.40.500.00.640.0
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 E 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

Authorized Signatory	SURESHIRAO M (Assistant	Authorized On	31-MAY-2024
Printed by: Venugopala.N	Managert (Emp. ID. 793)	Printed on: 03-JUN-2024	
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	1 G+12626	Report ronment)	
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: I	BLQ-Below limit of quantification
	Terms And Conditions
S.No.	Description
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7	Any discrepancy in the Test Certificate should be notified within 30 days.

Authorized Signatory	ALS (INDX)	Authorized On	31-MAY-2024
SURES	H RAO M. (Assistant		
Printed by: Venugopala.N	(cuitr in tas)	Printed on: 03-JUN-2024	
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Format No.F/SAIL/7.1/08	6.0 × 6.0		

Sample Method

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

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 E 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 RAOM (Assistant Manager) (Emp. (D. 793)	Authorized On	31-MAY-2024
Printed by: Venugopala.N	Manager	Printed on: 03-JUN-2024	
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		Report		
	(Envi	ronment)		
Matrix: Waste Water				
Sample Reference Name:	Water Analysis			
Sample Identification/Details:	Degreasing - 1, Tank no.:3	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	-	

	Terms And Conditions
	Terms And Conditions
	Terms And Conditions
S.No.	Description
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Authorized Signatory	S. D. P.	Authorized On	31-MAY-2024
	SURESH (AO M (Assistant Manager) (Emp. ID. 793)		
Printed by: Venugopala.N	17/11/15	Printed on: 03-JUN-2024	
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TC-12626

		Report ronment)		
Matrix: Waste Water				
Sample Reference Name:	Water Analysis			
Sample Identification/Details:	Alkaline Dip, Tank no.:7	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

Authorized Signatory	SUS (INDIAD)	Authorized On	31-MAY-2024
	VE Cause O.C.		
	SURESH RAO M (Assistant		
	Manager) (Emg. 1D. 793) m		
Printed by: Venugopala.N	(4)	Printed on: 03-JUN-2024	
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Format No.F/SAIL/7.1/08			



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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

	TC-12626			
	Test	Report		
	(Envi	ronment)		
Matrix: Waste Water				
Sample Reference Name:	Water Analysis	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: I	BLQ-Below limit of quantification
	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.

Authorized Signatory	Authorized On	31-MAY-2024
SURESH EX Manager 3	M (Assistant & Signatory Editor)	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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		Report ronment)		
Matrix: Waste Water				
Sample Reference Name:	Water Analysis	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 I 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	SEALS (IMA) OF	Authorized On	31-MAY-2024
	SURESH RAO, M (Assistant Manager) (Emp. 40, 793)		
Printed by: Venugopala.N	4	Printed on: 03-JUN-2024	
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ot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India : +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

	10-120Zh	Report ronment)	
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	-

	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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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.		

Authorized Signatory	Scale of P	Authorized On	31-MAY-2024
	SURESH RAO, M. (Assistant Manager) (Emp. 10, 793)		
Printed by: Venugopala.N	(E) (S)	Printed on: 03-JUN-2024	
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Time/Duration of Sampling

PO / Reference No./Date

Sampling Plan

Sample Method

Location of Sample Collection

ANO Line - 2

SOP/ENV/026

SOP/ENV/024

Test Request Form

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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23-MAY-2024

31-MAY-2024

31-MAY-2024

Test Report TC-12626 (Environment) Matrix: Waste Water Sample Reference Name: Water Analysis CP, Tank no.:15 Sample Identification/Details: 05240522006412 Contract Agreement/Test Chemical Discipline Report.No. 10-MAY-2024 Pollution and Environment Date of Sample Collection Group 13-MAY-2024 TATA ELECTRONICS PRIVATE Date of Receipt **Issued To** LIMITED TATA ELECTRONICS PRIVATE 22-MAY-2024 Date of Booking Address LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayakottai Road Hosur Taluk, Krishnagiri Dt, Tamilnadu- 635113

Date of Start of Analysis

Date of End of Analysis

Date of Issue of Report

Environmental Conditions

Instrument used for

Sampling/Analysis

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 E 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

Authorized Signatory	SALS (IND)	Authorized On	31-MAY-2024
	SURESH RAUM (Assistant Manager) Signatory		
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	TC-12626 Test	Report	
	(Envi	ronment)	
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: B	BLQ-Below limit of quantification
	Terms And Conditions
S.No.	Description
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Authorized Signatory	CALS (IND)	Authorized On	31-MAY-2024
	Manager) Signatory		
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	10-12020	Report		
	(Envi	ronment)		
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 I 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	S (119/4)	Authorized On	31-MAY-2024
	N. S. P.		
	SURESH RAO M (Assistant		
	Manager (Emp. 10, 793)		
Printed by: Venugopala.N	(4)	Printed on: 03-JUN-2024	
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	1112626	Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Hot Rinse, Tank no.:18	4	
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	-

	Terms And Conditions
_	Terms And Conditions
S.No.	Description
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Authorized Signatory	CALS (IND)	Authorized On	31-MAY-2024
SURE Manag	SH RAO.M Assistant		
Printed by: Venugopala.N	4 /3/	Printed on: 03-JUN-2024	
Copy No.: 1	140 + 03)	Page No.: 2 of 2	
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	_	Report ronment)	
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 ₁)	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 E 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

Authorized Signatory	Sents Malay of	Authorized On	31-MAY-2024
	Manager) (Emp. ID. 793)		
Printed by: Venugopala.N	4	Printed on: 03-JUN-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Pot No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India 1 +91-80-2801 5333 Email: info@shivaanalyticals.com Website: www.shivaanalyticals.com 1 U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

	10-12020	Report ronment)	
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	-

	Terms And Conditions
	TOTAL 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 issu 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 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.

Authorized Signatory	CALS (MINE)	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant		
	Manager) (Emp. ID. 793)		
Printed by: Venugopala.N	4	Printed on: 03-JUN-2024	
Copy No.: 1	45 + 03 ×	Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

nt No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com CIV: U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

	TO door	Report ronment)		
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	J.	

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 E 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	CLERCH P. AO.M. (Acceptant	Authorized On	31-MAY-2024
Printed by: Venugopala.N	Manager) np. 10. 793)	Printed on: 03-JUN-2024	
Copy No.: 1	WS # 037	Page No.: 1 of 2	
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	12020	Report ronment)		
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: I	BLQ-Below limit of quantification
	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.
	T. I. C. David
	End of Report

Authorized Signatory	, SA	3	Authorized On	31-MAY-2024
	SURESH RAC	Ded Assistant, Emp. ID. 793)		
Printed by: Venugopala.N	4	131	Printed on: 03-JUN-2024	
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SHIVAPART of the Cotecna Group

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	. 0 . 2020	Report ronment)		
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 PRIVAT LIMITED SF NO. 308-327, Thimjepalli village, Kelamangalam - Rayako Road Hosur Taluk, Krishnagiri I 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	1	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 E 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	Authorized On	31-MAY-2024
SURESH RAD S	Assistant	
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	[C 42000	Report ronment)	
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	-

	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.

Authorized Signatory	Cals Dop	Authorized On	31-MAY-2024
	SURESH RAOM (Aussistant) Manageric (Emp. ID. 793)		
Printed by: Venugopala.N	17	Printed on: 03-JUN-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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	I C=17626	Report ronment)	
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 E 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

Authorized Signatory	SUNDA	Authorized On	31-MAY-2024
	CLUB COLLEGE C		
	SURHSH RACHWI (Assistant		
	Manager) (Emp. ID. 793)	D.2.4.4	
Printed by: Venugopala.N		Printed on: 03-JUN-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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	Annual Lab		
		Report	
	(Envi	ronment)	
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	

	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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	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.

Authorized Signatory	als (INDIA)	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant Manager) Signatory		
Printed by: Venugopala.N	12 (temp. tar. tar.)	Printed on: 03-JUN-2024	
Copy No.: 1	7/140 031	Page No.: 2 of 2	
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	0-12076	Report ronment)	
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	i i	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

Authorized Signatory	Authorized On	31-MAY-2024
SURESH RAQ. Manager) (Emp	(Assislant	
Printed by: Venugopala.N	Printed on: 03-JUN-2024	
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SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

SHIVA ANALY IICALS (INDIA)

Not No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India

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

CIN: U24230KA1994PTC125297 | GSTIN: 29AACCS8434K1ZV

		Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	Desmut, Tank no.:108		0.50.40.500.00.641.0
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	-

temarks: I	BLQ-Below limit of quantification
	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.

Authorized Signatory	Veris 82	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant Manager) (Emp. 1D. 793)		
Printed by: Venugopala.N	12	Printed on: 03-JUN-2024	
Copy No.: 1	148 + 03	Page No.: 2 of 2	

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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

	TC-12526 Test	Report	
		ronment)	
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 E 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	Authorized	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant Manager) (Emp. ID. 793)		
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Copy No.: 1	122 × 03	Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

SHIVA ANALYTICALS (INDIA) FINAL ANALYTICALS

	TC-12626 Test	Report	
	(Envi	ronment)	
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	-

	Terms And Conditions
S.No.	Description
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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.

Authorized Signatory	Cal S (March	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant Managet) (Emp. ID. 793)		
Printed by: Venugopala.N	4 3	Printed on: 03-JUN-2024	"-
Copy No.: 1	HS + 03	Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Rlot 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

	TC-12626 Test	Report	
	(Envi	ronment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AT - Anodizing treatment, Tank no.:1		
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

on: 03-JUN-2024	
.: 1 of 2	
No	No.: 1 of 2

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

		Report ronment)	
Matrix: Waste Water			
Sample Reference Name:	Water Analysis		
Sample Identification/Details:	AT - Anodizing treatment, Tank no.:1	6	
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: I	BLQ-Below limit of quantification
	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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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

Authorized Signatory	Authorized On	31-MAY-2024
Manager Printed by: Venugopala.N	(Emp. ID. 793) Printed on: 03-JU	JN-2024
Copy No.: 1	Page No.: 2 of 2	

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

	10°12020	Report ronment)	
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	1	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

S.No.	Description
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Authorized Signatory	S (INDIA)D	Authorized On	31-MAY-2024
	SURESH RAO M Assistant Manager) Signatory		
Printed by: Venugopala.N	12/10/20	Printed on: 03-JUN-2024	
Copy No.: 1	1/40 1 031	Page No.: 1 of 2	
Format No.F/SAIL/7.1/08			

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	TC-12626 Test	Report	
	(Envi	ronment)	
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	CHS (INDIA)	Authorized On	31-MAY-2024
	SURESH RAO M (Assistant Manager) (Emp. 10, 793)		
Printed by: Venugopala.N	13/	Printed on: 03-JUN-2024	1
Copy No.: 1	1145 + 03	Page No.: 2 of 2	
Format No.F/SAIL/7.1/08			

SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

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	TC-12626 Test	Report		
		ronment)		
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	A 64	
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	<u> </u>	

s.no.	TEST	UNIT	RESULTS	PROTOCOL/TEST METHOD
1	Oil & Grease	mg/l	10.0	IS 3025 (P-39) 2021
2	pH value	i.	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

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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Authorized Signatory	SURESH RAO,M (Assistant	Authorized On	31-MAY-2024	
Printed by: Venugopala.N	Manager) (Emp. ID. 793)	Printed on: 03-JUN-2024		
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No. 24D(P) & 34D, KIADB Industrial Area, Hoskote, Bangalore - 562 114. Karnataka, India +91-80-2801 5333 Email : info@shivaanalyticals.com Website : www.shivaanalyticals.com : U24230KA1994PTC125297 | GSTIN : 29AACCS8434K1ZV

TC-12626

	Test	Report	
	(Envi	ronment)	
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	Ī
Sample Method	SOP/ENV/024	Environmental Conditions During sampling	

End of Report-
INDIA

Authorized Signatory	(Charles)	Authorized On	31-MAY-2024
	SURESH RAC:M (Assistant		
	Manager (Emp. ID. 793)		
Printed by: Venugopala.N	E STEE	Printed on: 03-JUN-2024	
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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 QUANITITY 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.

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Deputy Chief Engineer (O&M), TWAD Board, Chennai – 05.