

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/81	Report Issue Date	17/08/2024
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.		
Discipline	Chemical	Sample Description	Stack Material: MS
Group	Pollution & Environment.		Stack Height: 6.0 Mtr
Sub Group	Stack Emission		Stack Type: Round
Date of Sampling	12/08/2024	Sampling Location	DG Stack 1-650 KVA
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508	
	Lab ID	NLES/Lab/Inst/01	
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025	

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	378	°K	--	--
2	Differential Pressure	3.8	mm WG		
3	Velocity	7.22	M/s		
4	Dimensions of Stack	0.127	Mtr.		
5	Stack Area	0.01266	M ²		
6	Gas Volume	259.48	Nm ³ /Hr		
7	Total Particulate Matter	55.6	mg/Nm ³	≤ 150	IS 11255 (Part 1)
8	Sulphur Dioxide (SO ₂)	56.8	mg/Nm ³	N.S.	IS 11255 (Part 2)
9	Sulphur Dioxide (SO ₂)	0.35	Kg/day	≤ 60	IS 11255 (Part 2)
10	Oxides of Nitrogen (Nox)	0.055	g/kw-hr	≤ 4.0	IS 11255 (Part 7)
11	Hydrocarbons (HC)	0.0027	g/kw-hr	≤ 4.0	GC Method
12	Carbon Monoxide (CO)	0.0036	g/kw-hr	≤ 3.5	Flue Gas Analyzer
13	Smoke Limit	0.32	Light Absorption Coefficient m ⁻¹	≤ 0.7	USEPA Method

➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,

Terms and Conditions

- This Report is valid for tested sample only
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, NLES.

(Signature)
 Reviewed By
 (Ms. Sadhana Kanase)



(Signature)
 Authorized Signatory
 (Ms. Kalyani Gore)

*****End of Report*****

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/82	Report Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala District-Satara 412801.				
Discipline	Chemical	Sample Description	Stack Material: MS		
Group	Pollution & Environment.		Stack Height: 6.0 Mtr		
Sub Group	Stack Emission		Stack Type: Round		
Date of Sampling	12/08/2024	Sampling Location	DG Stack 2-650 KVA		
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508			
	Lab ID	NLES/Lab/Inst/01			
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025			
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	396	°K	--	--
2	Differential Pressure	7.6	mm WG		
3	Velocity	10.45	M/s		
4	Dimensions of Stack	0.127	Mtr.		
5	Stack Area	0.01266	M ²		
6	Gas Volume	358.58	Nm ³ /Hr		
7	Total Particulate Matter	76.7	mg/Nm ³	≤ 150	IS 11255 (Part 1)
8	Sulphur Dioxide (SO ₂)	64.8	mg/Nm ³	N.S.	IS 11255 (Part 2)
9	Sulphur Dioxide (SO ₂)	0.56	Kg/day	≤ 60	IS 11255 (Part 2)
10	Oxides of Nitrogen (Nox)	0.061	g/kw-hr	≤ 4.0	IS 11255 (Part 7)
11	Hydrocarbons (HC)	0.0028	g/kw-hr	≤ 4.0	GC Method
12	Carbon Monoxide (CO)	0.0034	g/kw-hr	≤ 3.5	Flue Gas Analyzer
13	Smoke Limit	0.45	Light Absorption Coefficient m ⁻¹	≤ 0.7	USEPA Method
➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,					

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SK
 Reviewed By
 (Ms. Sadhana Kanase)



Kalyani
 Authorized Signatory
 (Ms. Kalyani Gore)

*****End of Report*****

TEST REPORT					
Report No:	NLES/24-25/08/WW/RE/92	Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala,District-Satara 412801.				
Discipline	Chemical	Date of Sample Collection	12/08/2024		
Group	Pollution & Environment	Date of receipt of sample in lab	13/08/2024		
Sub Group	Waste Water	Sample Quantity	02 Liter Plastic can		
Sample Description	ETP Outlet (RO Permeate)	Sample Status	Sealed		
Sample collected by	Neetal Laboratories and Environmental Services Private Limited				
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	MPCB Limits	Methods
1	pH at 25°C	8.13	-	6.0-8.5	APHA 4500, H+, B: 23rd Ed.2017
2	Total Suspended Solids (TSS)	4.0	mg/l	<100	APHA2540, D, 23rd Ed. 2017
3	Total Dissolved Solids (TDS)	470	mg/l	<2100	APHA 2540 C, 23rd Ed. 2017
4	Chemical Oxygen Demand	<4.0	mg/l	<250	IS 3025 (Part 58), 2006
5	Biochemical Oxygen Demand (BOD) 3 days at 27°C	<2.0	mg/l	<30	IS 3025 (Part 44), 2019
6	Chloride (as Cl)	195.6	mg/l	<600	APHA 4500 Cl-, B, 23rd Ed. 2017
7	Sulphate (as SO4)	<5.0	mg/l	<1000	APHA 4500 SO4, E, 23rd Ed. 2017
8	Oil & Grease (O &G)	<5.0	mg/l	<10	IS 3025 (Part 39), Method (a), 2021
9	Fluoride	<0.10	mg/l	N.S	APHA 4500 F D, 23rd Ed. 2017
10	Nitrate	0.16	mg/l	N.S	APHA 4500 NO3-B, 23rd Ed. 2017
11	Phosphate (as PO ₄ ²⁻)	0.58	mg/l	<5	APHA 4500 P B, 23rd Ed. 2017
12	Iron (as Fe)	<0.10	mg/l	<3	APHA 3111 B,23rd Ed. 2017
13	Chromium Hexa	<0.10	mg/l	N.S	APHA 3500 Cr B,23rd Ed. 2017
14	Nickel (as Ni)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
15	Zinc (as Zn)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
16	Lead (as Pb)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
17	Arsenic (as As)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
18	Manganese (as Mn)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
19	Cobalt (as Co)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
20	Copper (as Cu)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
21	Cadmium (as Cd)	<0.10	mg/l	N.S	APHA 3111 B,23rd Ed. 2017
Remark-The above results are within MPCB Limits.,N.S-Not specified					

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(Signature)
Reviewed By
 (Ms. Sadhana Kanase)



(Signature)
Authorized Signatory
 (Ms. Kalyani Gore)

*****End of Report*****



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 29-06-2024

Apply as Generator

Unit Name	Plant Name	Submit To
M/s Tube Investments of India Ltd. (Unit: Tube Products of	M/s Tube Investments of India Ltd. (Unit: Tube Products of	SRO-Satara

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
Tube Investment of India Ltd (Unit Tube Product of India, Shirwal)	GAT NO. 1358/1362, 1364-1365, 1397. AT POST - SHIRWAL. TAL KHANDALA. DIST - SATARA. MAHARASHTRA	9673739462	Avadhuts@tii.murugappa.com

Sender authorisation No	Manifest Document No	Membership No (If any)
CC/UAN NO.0000104921/CR-2107000184	MPCB-HW_MANIFEST-0000517048-372911	NA

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s. National Enterprises Plot No. K/1, 2, 3, S. No. 69, Vill. Pimpre, Near Ekla Weigh Bridge, Mumbra Panvel Road, Tal. & Dist. Thane 400612	MH-04/FJ-3750	K/1,2,3 SR NO 69, NEAR EKATA WEIGH BRIDGE, MUMBRA PANVEL ROAD, VILLEG PIMPARI, TAL & DIST - THANE. 400612	9833428570	crimstoneleven@yahoo.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	29-06-2024	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	EMPTY BARRELS/CARBOYS	430	Nos	Recycler		Maharashtra	M/S. NATIONAL ENTERPRISES	K/1,2,3 SR NO 69, NEAR EKATA WEIGH BRIDGE, MUMBRA PANVEL ROAD, VILLEG PIMPARI, TAL & DIST - THANE. 400612	9833428570	crimstoneleven@yahoo.com
Number of Containers				Physical Form			Special Handling Instructions And Additional Information					
1				CARBOYS			COVER WITH TARPOLINE					



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 16-08-2024

Apply as Generator

Unit Name	Plant Name	Submit To
M/s Tube Investments of India Ltd. (Unit: Tube Products of	M/s Tube Investments of India Ltd. (Unit: Tube Products of	SRO-Satara

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
M/s Tube Investments of India Ltd. (Unit: Tube Products of India) shirwal	GAT NO. 1358/1362, 1364-1365, 1397. AT POST - SHIRWAL. TAL KHANDALA. DIST - SATARA. MAHARASHTRA	9673739462	Avadhuts@tii.murugappa.com

Sender authorisation No	Manifest Document No	Membership No (If any)
CC/UAN NO.0000104921/CR-2107000184	MPCB-HW_MANIFEST-0000536165-386752	MEPL/33002225

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s.Advik Transport , Gat No. 79/2, Wadner (Khurd), Tal- Shirur, Dist- Pune	MH12LT9054	M/s. ADVIK TRANSPORT, GUT NO. 79/2, WADNER(KHURD), TAL-SHIRUR, DIST PUNE	9623079696	adviktransport01@gmail.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	16-08-2024	35.3 Chemical sludge from waste water treatment	ETP SLUDGE	13.98	MT	CHWTSDF	M/s. Maharashtra Environ Power Ltd. (MEPL), Ranjangaon, Pune.	Maharashtra	M/s. Maharashtra Environ Power Ltd. (MEPL)	Ranjangaon, Pune.	9922507899	kiran.khupse@smsl.co.in
Number of Containers				Physical Form				Special Handling Instructions And Additional Information				
1				SOLID (SLUDGE)				USE PPES, VEHICAL COVERED WITH TARPOLENE				



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 12-09-2024

Apply as Generator

Unit Name	Plant Name	Submit To
M/s Tube Investments of India Ltd. (Unit: Tube Products of	M/s Tube Investments of India Ltd. (Unit: Tube Products of	SRO-Satara

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
Tube Investment of India Ltd (Unit Tube Product of India, Shirwal)	GAT NO. 1358/1362, 1364-1365, 1397. AT POST - SHIRWAL. TAL KHANDALA. DIST - SATARA. MAHARASHTRA	9673739462	Avadhuts@tii.murugappa.com

Sender authorisation No	Manifest Document No	Membership No (If any)
CC/UAN NO.0000104921/CR-2107000184	MPCB-HW_MANIFEST-0000545836-392830	MEPL/33002225

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s.Advik Transport , Gat No. 79/2, Wadner (Khrud), Tal- Shirur, Dist- Pune	MH12SX9082	M/s.Advik Transport , Gat No. 79/2, Wadner (Khrud), Tal- Shirur, Dist- Pune	9623079696	adviktransport01@gmail.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	12-09-2024	12.5 Phosphate sludge	PHOSPHATE SLUDGE	7.38	MT	CHWTSDF	M/s. Maharashtra Environ Power Ltd. (MEPL), Ranjangaon, Pune.	Maharashtra	M/s. Maharashtra Environ Power Ltd. (MEPL)	Ranjangaon, Pune.	9925507899	kiran.khupse@smsl.co.in
Number of Containers				Physical Form				Special Handling Instructions And Additional Information				
1				SOLID				USE PPES, VEHICAL COVERED WITH TARPOLINE				



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 26-08-2024

Apply as Generator

Unit Name	Plant Name	Submit To
M/s Tube Investments of India Ltd. (Unit: Tube Products of	M/s Tube Investments of India Ltd. (Unit: Tube Products of	SRO-Satara

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
Tube Investment of India Ltd (Unit Tube Product of India, Shirwal)	GAT NO. 1358/1362, 1364-1365, 1397. AT POST - SHIRWAL. TAL KHANDALA. DIST - SATARA. MAHARASHTRA	9673739462	Avadhuts@tii.murugappa.com

Sender authorisation No	Manifest Document No	Membership No (If any)
CC/UAN NO.0000104921/CR-2107000184	MPCB-HW_MANIFEST-0000539888-389128	NA

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s.NIBATEK CHEMICALS PVT LTD, 4A/401, Lord Shiva's Paradise, Birla College Rd, Chikangarh, Kalyan(W)	MH-05/EL-0780	M/s. Niba Tek & Chemicals. 4A/401. Lord Shiva Paradise. Chikanghar. Kalyan-421301	9022212333	kirankabra@nibatek.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	26-08-2024	12.2 Spent acid and alkali	SPENT HCL	26.43	KL	Recycler		Gujarat	Sukha Chemicals Indutries	4705/1/6 & 7, Nr. Meghmani Chokdi,G.I.D.C. Industrial Estate, ANKLESHWAR - 393002 Dist.: Bharuch (Gujrat)	9924675754	sanjay@sukhachemicals.com
Number of Containers				Physical Form				Special Handling Instructions And Additional Information				
1				LIQUID				USE PLENTY OF WATER IN CASE OF SPILLAGE,USE GLOVES,MASKS & HELMET				



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 31-07-2024

Apply as Generator

Unit Name	Plant Name	Submit To
M/s Tube Investments of India Ltd. (Unit: Tube Products of	M/s Tube Investments of India Ltd. (Unit: Tube Products of	SRO-Satara

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
Tube Investment of India Ltd (Unit Tube Product of India, Shirwal)	GAT NO. 1358/1362, 1364-1365, 1397. AT POST - SHIRWAL. TAL KHANDALA. DIST - SATARA. MAHARASHTRA	9673739462	Avadhuts@tii.murugappa.com

Sender authorisation No	Manifest Document No	Membership No (If any)
CC/UAN NO.0000104921/CR-2107000184	MPCB-HW_MANIFEST-0000530202-382917	NA

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s. M.D.Transport	MH-14/CP-2251	M.D.Transport 4, Sukrut Apt.Prabhat Road Lane-15,Erandwana, Pune	9850111333	mdtransportpune1@gmail.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	31-07-2024	5.1 Used or spent oil	SPENT OIL	6.18	KL	Recycler		Maharashtra	Alchemist Oil Pvt.Ltd	15/2, Arvi,Kondhanpur Road,Haveli,Pune-412205	9850111333	alchemistoilpvtltd2@gmail.com
Number of Containers		Physical Form					Special Handling Instructions And Additional Information					
1		LIQUID					USE PPES, VEHICAL COVERED WITH TARPOLENE					



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Manifest For Hazardous And Other Waste

Submitted Date : 02-08-2024

Apply as Generator

Unit Name	Plant Name	Submit To
M/s Tube Investments of India Ltd. (Unit: Tube Products of	M/s Tube Investments of India Ltd. (Unit: Tube Products of	SRO-Satara

Sender name and mailing address (including phone no. and email.)			
Sender Name	Sender Address	Sender Mobile No.	Sender Email
Tube Investment of India Ltd (Unit Tube Product of India, Shirwal)	GAT NO. 1358/1362, 1364-1365, 1397. AT POST - SHIRWAL. TAL KHANDALA. DIST - SATARA. MAHARASHTRA	9673739462	Avadhuts@tii.murugappa.com

Sender authorisation No	Manifest Document No	Membership No (If any)
CC/UAN NO.0000104921/CR-2107000184	MPCB-HW_MANIFEST-0000530910-383385	MEPL/33002225

Transporter's name and address (including phone no. and email.)				
Transporter Name	Vehicle No.	Transporter Address	Transporter Mobile No.	Transporter Email
M/s.Bhavani Haz-Chem Waste Carriers, 1, Shiv Shakti Shopping Complex, Plot No. 5A, SionTrombay Road, Near Wassan Automobiles, Chembur, Mumbai - 400071	MH43BP3177	M/s. Bhavani Haz-Chem Waste Carriers 1, Shiv Shakti Shopping Complex, Plot No. 5A, Sion Trombay Road, Near Wassan Automobiles, Chembur, Mumbai 400071	9922507899	bhavanihazchem@hotmail.com

Waste Disposal Details												
Sr No	Date	Waste Category	Waste Name	Waste QTY	Waste Unit	Waste Disposal To	Facility	State	Name of unit	Address of unit	Contact of unit	Email of unit
1	02-08-2024	5.2 Wastes or residues containing oil	WASTES OR RESIDUES CONTAINING OIL	4.63	MT	CHWTSDF	M/s. Maharashtra Environ Power Ltd. (MEPL), Ranjangaon, Pune.	Maharashtra	M/s. Maharashtra Environ Power Ltd. (MEPL)	Ranjangaon, Pune.	9922507899	kiran.khupse@smsl.co.in
Number of Containers				Physical Form				Special Handling Instructions And Additional Information				
1				SOLID				USE PPES, VEHICAL COVERED WITH TARPOLENE				

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/83	Report Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.				
Discipline	Chemical	Sample Description	Stack Material: MS		
Group	Pollution & Environment.		Stack Height: 30 Mtr		
Sub Group	Stack Emission		Stack Type: Round		
Date of Sampling	12/08/2024	Sampling Location	Furnace 1(LDC Furnace)		
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508			
	Lab ID	NLES/Lab/Inst/01			
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025			
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	386	°K	--	--
2	Differential Pressure	3.7	mm WG		
3	Velocity	7.20	M/s		
4	Dimensions of Stack	0.60	Mtr.		
5	Stack Area	0.2826	M ²		
6	Gas Volume	5655.33	Nm3/Hr		
7	Total Particulate Matter	18.5	mg/Nm3	≤ 150	IS 11255 (Part 1)
8	Sulphur Dioxide (SO ₂)	5.23	mg/Nm3	N.S.	IS 11255 (Part 2)
9	Sulphur Dioxide (SO ₂)	0.71	Kg/day	N.S.	IS 11255 (Part 2)
10	Oxides of Nitrogen (Nox)	7.62	mg/Nm3	N.S.	IS 11255 (Part 7)
➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,					

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SK
 Reviewed By
 (Ms. Sadhana Kanase)



Kalyani
 Authorized Signatory
 (Ms. Kalyani Gore)

*****End of Report*****

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/84	Report Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.				
Discipline	Chemical	Sample Description	Stack Material: MS		
Group	Pollution & Environment.		Stack Height: 30 Mtr		
Sub Group	Stack Emission		Stack Type: Round		
Date of Sampling	12/08/2024	Sampling Location	Furnace 2 (HDC Furnace)		
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508			
	Lab ID	NLES/Lab/Inst/01			
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025			
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	394	°K	--	--
2	Differential Pressure	3.9	mm WG		
3	Velocity	7.47	M/s		
4	Dimensions of Stack	0.60	Mtr.		
5	Stack Area	0.2826	M ²		
6	Gas Volume	5746.96	Nm ³ /Hr		
7	Total Particulate Matter	16.2	mg/Nm ³	≤ 150	IS 11255 (Part 1)
8	Sulphur Dioxide (SO ₂)	7.29	mg/Nm ³	N.S.	IS 11255 (Part 2)
9	Sulphur Dioxide (SO ₂)	1.00	Kg/day	≤ 165.6	IS 11255 (Part 2)
10	Oxides of Nitrogen (Nox)	8.26	mg/Nm ³	N.S.	IS 11255 (Part 7)

➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,

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SK
 Reviewed By
 (Ms. Sadhana Kanase)



Kalyani
 Authorized Signatory
 (Ms. Kalyani Gore)

*****End of Report*****

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/85	Report Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.				
Discipline	Chemical	Sample Description	Stack Material: MS		
Group	Pollution & Environment.		Stack Height: 30.0 Mtr		
Sub Group	Stack Emission		Stack Type: Round		
Date of Sampling	12/08/2024	Sampling Location	Hot Water Generator (2 Nos.-Common Stack)		
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508			
	Lab ID	NLES/Lab/Inst/01			
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025			
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	381	°K	--	--
2	Differential Pressure	3.5	mm WG		
3	Velocity	6.96	M/s		
4	Dimensions of Stack	0.60	Mtr.		
5	Stack Area	0.2826	M ²		
6	Gas Volume	5536.29	Nm3/Hr		
7	Total Particulate Matter	38.5	mg/Nm3	≤ 150	IS 11255 (Part 1)
8	Sulphur Dioxide (SO ₂)	15.9	mg/Nm3	N.S.	IS 11255 (Part 2)
9	Sulphur Dioxide (SO ₂)	2.11	Kg/day	≤ 7.2	IS 11255 (Part 2)
10	Oxides of Nitrogen (Nox)	6.45	mg/Nm3	N.S.	IS 11255 (Part 7)
➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,					

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(Signature)
Reviewed By
 (Ms. Sadhana Kanase)



(Signature)
Authorized Signatory
 (Ms. Kalyani Gore)

*****End of Report*****

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/88	Report Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.				
Discipline	Chemical	Sample Description	Stack Material: MS		
Group	Pollution & Environment.		Stack Height: 30.0 Mtr		
Sub Group	Stack Emission		Stack Type: Round		
Date of Sampling	12/08/2024	Sampling Location	Boiler (MEE Boiler)		
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508			
	Lab ID	NLES/Lab/Inst/01			
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025			
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	378	°K	--	--
2	Differential Pressure	3.4	mm WG		
3	Velocity	6.83	M/s		
4	Dimensions of Stack	0.60	Mtr.		
5	Stack Area	0.2826	M ²		
6	Gas Volume	5478.21	Nm ³ /Hr		
7	Total Particulate Matter	38.7	mg/Nm ³	≤ 150	IS 11255 (Part 1)
8	Sulphur Dioxide (SO ₂)	15.9	mg/Nm ³	N.S.	IS 11255 (Part 2)
9	Sulphur Dioxide (SO ₂)	2.09	Kg/day	≤ 14.4	IS 11255 (Part 2)
10	Oxides of Nitrogen (Nox)	2.26	mg/Nm ³	N.S.	IS 11255 (Part 7)
➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,					

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*****End of Report*****

TEST REPORT (Stack Emission)					
Report No.	NLES/24-25/08/ST/RE/86	Report Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.				
Discipline	Chemical	Sample Description	Stack Material: FRP		
Group	Pollution & Environment.		Stack Height: 11.0 Mtr		
Sub Group	Stack Emission		Stack Type:		
Date of Sampling	12/08/2024	Sampling Location	Scrubber		
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min		
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring		
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508			
	Lab ID	NLES/Lab/Inst/01			
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025			
Results					
Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	388	°K	--	--
2	Differential Pressure	3.2	mm WG		
3	Velocity	6.71	M/s		
4	Dimensions of Stack	1.2	Mtr.		
5	Stack Area	1.1304	M ²		
6	Gas Volume	20982.68	Nm3/Hr		
7	Total Particulate Matter	13.8	mg/Nm3	≤ 150	IS 11255 (Part 1)
8	Acid Mist	0.42	mg/Nm3	≤ 35	EPA Method 08 A
➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,					

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*****End of Report*****

TEST REPORT (Stack Emission)

Report No.	NLES/24-25/08/ST/RE/87	Report Issue Date	17/08/2024
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala, District-Satara 412801.		
Discipline	Chemical	Sample Description	Stack Material: MS
Group	Pollution & Environment.		Stack Height: 15.0 Mtr
Sub Group	Stack Emission		Stack Type: Round
Date of Sampling	12/08/2024	Sampling Location	Welding Stack (TM-2)
Date of receipt of sample in lab	13/08/2024	Sampling duration	30 Min
Sampling done by	Neetal Laboratories and Environmental Services Private Limited	Sampling Procedure	CPCB Guideline on methodologies for source emission monitoring
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024
Instrument Details	Make/ Model No.	Shree Scientific and Calibration /SEM-150,220508	
	Lab ID	NLES/Lab/Inst/01	
	Calibration Date	Calibration on: 04/05/2024, Due On 03/05/2025	

Results

Sr. No.	Parameters	Results	Unit(s)	Specifications (MPCB Consent)	Methods
1	Flue Gas Temperature	392	°K	--	--
2	Differential Pressure	3.1	mm WG		
3	Velocity	6.64	M/s		
4	Dimensions of Stack	0.30	Mtr.		
5	Stack Area	0.07065	M ²		
6	Gas Volume	1284.16	Nm ³ /Hr		
7	Total Particulate Matter	17.4	mg/Nm ³	≤ 150	IS 11255 (Part 1)

➤ Remark- All above results are well within MPCB Limit. N.S-Not Specified,

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*****End of Report*****

TEST REPORT

Report No:	NLES/24-25/08/WW/RE/93	Issue Date	17/08/2024		
Name and Address of Customer	M/s.Tube Investments of India Ltd (Unit-Tube Products of India) Gate No.1358/1362,1364-1365,1397, At Post-Shirwal,Taluka-Khandala,District-Satara 412801.				
Discipline	Chemical	Date of Sample Collection	12/08/2024		
Group	Pollution & Environment	Date of receipt of sample in lab	13/08/2024		
Sub Group	Waste Water	Sample Quantity	02 Liter Plastic can		
Sample Description	STP Outlet	Sample Status	Sealed		
Sample collected by	Neetal Laboratories and Environmental Services Private Limited				
Start Date of Analysis	13/08/2024	End Date of Analysis	17/08/2024		
Results					
Sr. No.	Parameters	Results	Unit(s)	MPCB Limits	Methods
1	pH at 25°C	8.29	-	N. S	APHA 4500, H+, B: 23rd Ed.2017
2	Total Suspended Solids (TSS)	12.0	mg/l	<50	APHA2540, D, 23rd Ed. 2017
3	Chemical Oxygen Demand	50.2	mg/l	<100	IS 3025 (Part 58), 2006
4	Biochemical Oxygen Demand (BOD) 3 days at 27°C	11.0	mg/l	<30	IS 3025 (Part 44), 2019
Remark-The above results are within MPCB Limits.,N.S-Not Specified					

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