

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Accredited by NABL, as per ISO/IEC 17025: 2017
- Accredited EIA Consultant by QCI-NABET



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

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CIN NO : U74210WB1989PTC047403

Report No. 2026-27/EEPL/MON/175

25.05.2026

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Ferrosang Enviro Solutions Pvt. Ltd.
Address	Khasra No. 925, 1612 Rasoolpur, Salon, Raebareli, U.P
Date of Sampling	15.05.2026
Time of Sampling	13:20 hrs;

A. General Information about stack		
1	Stack connected to	Incinerator
2	Emission due to	Bio Medical Waste
3	Material of Construction of Stack	M.S
4	Shape of Stack	Circular
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent
6	Capacity	250 Kg/hr.
B. Physical Characteristics of Stack		
1	Height of the stack	
	(a) from Ground Level (m)	32.0
	(b) from Roof Level (m)	-
2	Diameter of the stack	
	(a) at bottom (m)	-
	(b) at top (m)	-
3	Diameter of the stack at sampling point (m)	1.08
4	Height of the sampling point from GL (m)	12.0
C. Analysis/Characteristics of Stack		
1	Fuel used	H. S. D
2	Fuel consumption	45 Ltr. / hr.
D Results of sampling & Analysis of gaseous emission		STANDARD
1	Temperature of emission (°C) Primary	152
2	Temperature of emission (°C) Secondary	439
3	Temperature of emission	149
4	Barometric Pressure (mmHg)	752
5	Velocity of gas in duct (M/sec)	4.74
6	Quantity of gas flow (Nm ³ /hr)	4654
7	Concentration of SO ₂ (mg/Nm ³)	BDL
8	Concentration of NO _x (mg/Nm ³)	168
9	Concentration of CO (% V/V)	<1
10	Concentration of CO ₂ (% V/V)	6.8
11	Concentration of PM (mg/Nm ³)	19
12	Concentration of HC (mg/Nm ³)	BDL
13	Efficiency of Incinerator	99.98 %
E Pollution Control Device		
	Details of pollution control device attached with the stack	Cyclone Separator, Quenching system, Ventury packed bed scrubber, Droplet separator, Mist eliminator, Active carbon system

BDL: Below Detection Limit

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AMBIENT AIR QUALITY MONITORING REPORT

Name of Industry	M/s. Ferrosang Enviro Solutions Pvt. Ltd.
Address	Khasra No.925, 1612 Rasoolpur , Salon, Raebareli, U.P
Avg. Temp (°C)	44
Weather Condition	Clear
Barometric Pressure (mm/Hg)	752
Humidity %	25

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Parameter	Protocol	Unit	Result	Standard
1.	Near Project Site	15.05.2026	PM ₁₀	(IS:5182 (part 23)	µg/m ³	78	100
			PM _{2.5}	(Manual of fine particulate sampler APM 550)	µg/m ³	41	60
			SO ₂	(IS:5182 (part 6)	µg/m ³	16	80
			NO _x	(IS:5182 (part 6)	µg/m ³	42	80
			CO	(IS:5182 (part 10)	mg/m ³	BDL	2

BDL: Below Detectable Limit

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Report No. 2026-27/EEPL/MON/177

25.05.2026

RESULTS OF EFFLUENT WATER ANALYSIS

Name & address of Industry: M/s. Ferrosang Enviro Solutions Pvt. Ltd.
Khasra No. 925, 1612 Rasoolpur, Salon, Raebareli, U.P

Date of sample collection : 15.05.2026

Sample Collected by : Company Representative

Sample Details : After ETP

Sl.No.	Parameter	Unit	Test Method	Concentration	STANDARD
1.	pH	-	IS: 3025(Part-11):1983	7.12	6.5-9.0
2.	TSS	mg/l	IS:3025(Part-17):1984	19	100
3.	BOD	mg/l	IS:3025 (Part-44):1993	14	30
4.	COD	mg/l	IS:3025(Part-58)	109	250
5.	Oil & Grease	mg/l	IS:3025(Part-39):1984	2	10
6.	Bio assay Test	%	IS:6582:1971	91	90% survival of fish after 96 hrs. In 100% effluent

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Report No. 2026-27/EEPL/MON/178

25.05.2026

NOISE LEVEL MONITORING REPORT

Name of Industry	M/s. Ferrosang Enviro Solutions Pvt. Ltd.
Address	Khasra No. 925, 1612 Rasoolpur, Salon, Raebareli, U.P
Date of Monitoring	15.05.2026
Instrument Used	Noise Level Meter Sl. No. 4010
Sampling Method	IS:4112 part -I & amp; 2, 1991

MONITORING RESULT

Sl. No.	Location	Noise Level Range dB (A) Industrial Zone
		DayTime 6:00 AM -10:00 PM
1.	Near Main Gate	51.4 - 54.2
2.	Near Incinerator	61.6 - 62.8
3.	Near DG Set Area	63.7 - 65.8
STANDARD		75.0

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