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# NOIDA TESTING LABORATORIES LLP

(A Government of India Approved Testing Laboratory)

(An ISO : 9001 : 2015, ISO 45001 : 2018 (OH&S) Certified & NABL Accredited Laboratory)

MoEF, CC (Ministry of Environment, Forest & Climate Change) and UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

## TEST CERTIFICATE

<b>Issued To:</b> M/s Ferrosang Enviro Solutions Private Limited  <b>Address:</b> Khasra No. 925, 1612 Rasoolpur, Salon Raebareli	<b>Report Code</b> : AAQ-050226-01 <b>Test Report of</b> : Ambient Air Quality <b>Sample Discipline</b> : Atmospheric Pollution <b>Service Request No</b> : NTL/SRF/02/26-010 <b>Service Request Date</b> : 02/02/2026 <b>Report Issue Date</b> : 10/02/2026
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### SAMPLING & ANALYSIS DATA

Sample Drawn By	: NTL Representative
Date of Sampling	: 03/02/2026 to 04/02/2026
Sample Description	: Ambient Air Quality
Sampling Location	: At Project Site
Sampling Plan & Procedure	: SOP-AAQ/08
Analysis Duration	: 05/02/2026 to 10/02/2026
Average Flow Rate of SPM (m <sup>3</sup> /min.)	: 1.14
Average Flow Rate of Gases (lpm)	: 1.0
Sampling Instrument Used	: Respirable Dust Sampler (PM <sub>10</sub> ) Fine Particulate Sampler (PM <sub>2.5</sub> ) With Gaseous Attachment
Weather Condition	: Clear

### TEST RESULT

S. No.	Parameter	Test Method	Results	Units	Limits as per Environment (Protection) Act.
1.	Particulate Matter (PM <sub>10</sub> )	IS:5182 Part-XXIII	126.32	µg/m <sup>3</sup>	100.0
2.	Particulate Matter (PM <sub>2.5</sub> )	NAAQMS/36 Vol-1, CPCB	62.48	µg/m <sup>3</sup>	60.0
3.	Sulphur dioxide (as SO <sub>2</sub> )	IS:5182 Part-II	26.38	µg/m <sup>3</sup>	80.0
4.	Nitrogen dioxide (as NO <sub>2</sub> )	IS:5182 Part-VI	38.72	µg/m <sup>3</sup>	80
5.	Carbon monoxide (as CO)	NIOSH 6604	1.22	mg/m <sup>3</sup>	4.0

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**Laboratory :** GT-20, Sector-117, Gautam Budh Nagar - 201 301 (U.P.)

**Branch Office :**

HARIDWAR | DEHRADUN | PUNE

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## TEST CERTIFICATE

**Issued To:** M/s Ferrosang Enviro Solutions  
Private Limited

**Address:** Khasra No. 925, 1612 Rasoolpur,  
Salon Raebareli

**Report Code** : AN-050226-02  
**Test Report of** : Ambient Noise  
**Sample Discipline** : Atmospheric Pollution  
**Service Request No** : NTL/SRF/02/26-010  
**Service Request Date** : 02/02/2026  
**Report Issue Date** : 10/02/2026

### SAMPLING & ANALYSIS DATA

Sample Drawn On : 03/02/2026  
Sample Drawn By : NTL Representative  
Sample Description : Ambient Noise  
Sampling Location : Near Main Gate  
Instrument Used : Sound Level Meter  
Protocol Followed : IS 9989: 1981 (RA 2023)

### RESULTS

S. No.	Monitoring Parameter	Result (Average)	Unit of Measure	Requirements as per CPCB Guidelines Permissible Noise Levels in dB(A) Leq		
				Category of Area/Zone	Day Time 06.00 am to 10.00 pm	Night Time 10.00 pm to 06.00 am
1.	EQUIVALENT NOISE LEVEL (06:00 AM to 06:00 AM)	60.2	dB(A)	Industrial Area	75	70
				Commercial Area	65	55
				Residential Area	55	45
				Silence Zone	50	40

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## TEST CERTIFICATE

**Issued To:** M/s Ferrosang Enviro Solutions Private Limited

**Address:** Khasra No. 925, 1612 Rasoolpur, Salon Raebareli

**Report Code** : AN-050226-03

**Test Report of** : Ambient Noise

**Sample Discipline** : Atmospheric Pollution

**Service Request No** : NTL/SRF/02/26-010

**Service Request Date** : 02/02/2026

**Report Issue Date** : 10/02/2026

### SAMPLING & ANALYSIS DATA

Sample Drawn On : 03/02/2026

Sample Drawn By : NTL Representative

Sample Description : Ambient Noise

Sampling Location : Near Incinerator

Instrument Used : Sound Level Meter

Protocol Followed : IS 9989: 1981 (RA 2023)

### RESULTS

S.No.	Monitoring Parameter	Result (Average)	Unit of Measure	Requirements as per CPCB Guidelines		
				Permissible Noise Levels in dB(A) Leq		
				Day Time 06.00 am to 10.00 pm	Night Time 10.00 pm to 06.00 am	
1.	EQUIVALENT NOISE LEVEL (06:00 AM to 06:00 AM)	66.3	dB(A)	Category of Area/Zone		
				Industrial Area	75	70
				Commercial Area	65	55
				Residential Area	55	45
				Silence Zone	50	40

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## TEST CERTIFICATE

**Issued To:** M/s Ferrosang Enviro Solutions  
Private Limited

**Address:** Khasra No. 925, 1612 Rasoolpur,  
Salon Raebareli

**Report Code** : AN-050226-04  
**Test Report of** : Ambient Noise  
**Sample Discipline** : Atmospheric Pollution  
**Service Request No** : NTL/SRF/02/26-010  
**Service Request Date** : 02/02/2026  
**Report Issue Date** : 10/02/2026

### SAMPLING & ANALYSIS DATA

Sample Drawn On : 03/02/2026  
Sample Drawn By : NTL Representative  
Sample Description : Ambient Noise  
Sampling Location : Near D. G. Area  
Instrument Used : Sound Level Meter  
Protocol Followed : IS 9989: 1981 (RA 2023)

### RESULTS

S. No.	Monitoring Parameter	Result (Average)	Unit of Measure	Requirements as per CPCB Guidelines Permissible Noise Levels in dB(A) Leq		
				Category of Area/Zone	Day Time 06.00 am to 10.00 pm	Night Time 10.00 pm to 06.00 am
1.	EQUIVALENT NOISE LEVEL (06:00 AM to 06:00 AM)	68.4	dB(A)	Industrial Area	75	70
				Commercial Area	65	55
				Residential Area	55	45
				Silence Zone	50	40

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## TEST CERTIFICATE

**Issued To:** M/s Ferrosang Enviro Solutions Private Limited  
**Address:** Khasra No. 925, 1612 Rasoolpur, Salon Raebareli

**Report Code** : ST-050226-06  
**Test Report of** : Stack Emission  
**Sample Discipline** : Atmospheric Pollution  
**Service Request No** : NTL/SRF/02/26-010  
**Service Request Date** : 02/02/2026  
**Report Issue Date** : 10/02/2026

### SAMPLING & ANALYSIS DATA

Sample Drawn on : 03/02/2026  
Sample Drawn By : NTL Representative  
Sample Description : Stack Emission  
Sampling Time : 30 minutes  
Sampling Plan & Procedure : SOP/SE/09  
Analysis Duration : 05/02/2026 to 10/02/2026  
Ambient Temperature(°C) : 32  
Stack Temperature (°C) : 118  
Source of Emission : Stack Attached to D.G  
Make/Model : Jackson  
Capacity : 62.5 KVA  
Type of Fuel used : HSD  
Operating Load : Normal  
Type of Stack : Metal circular  
Stack Diameter (mm) : 0.04  
Stack Height from Ground Level (feet) : 3.2  
Average Velocity of Flue Emission (m/s) : 7.6

TEST RESULT					
S.N.	Parameter	Test Method	Results	Units	Emission limits Upto 56 - 560 KW DG
1.	Particulate Matter (as PM)	IS:11255(Part-1)	0.018	g/kw-hr	0.02
2.	Sulphur dioxide (SO <sub>2</sub> )	IS:11255(Part-2)	5.78	mg /Nm <sup>3</sup>	Limit not specified
3.	Nitrogen dioxide (NO <sub>2</sub> )	IS:11255(Part-7)	0.196	g/kw-hr	0.40
4.	Carbon monoxide(as CO)	IS:13270	0.06	g/kw-hr	3.5
5.	Hydrocarbon(HC)	NTL/CHEM/SOP-018	0.009	g/kw-hr	0.19

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**Issued To:** M/s Ferrosang Enviro Solutions  
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**Address:** Khasra No. 925, 1612 Rasoolpur,  
Salon Raebareli

**Report Code** : ST-050226-05  
**Test Report of** : Stack Emission  
**Sample Discipline** : Atmospheric Pollution  
**Service Request No** : NTL/SRF/02/26-010  
**Service Request Date** : 02/02/2026  
**Report Issue Date** : 10/02/2026

### SAMPLING & ANALYSIS DATA

Sample Drawn on : 03/02/2026  
Sample Drawn By : NTL Representative  
Sample description : Incinerator Stack Emission  
Sampling Time : 30 minutes  
Sampling Plan & Procedure : SOP/SE/09  
Analysis Duration : 05/02/2026 to 10/02/2026  
Ambient Temperature (°C) : 28  
Stack Temperature (°C) : 145  
Source of Emission : Stack Attached to Incinerator  
Capacity : 250 Kg /hr  
Type of Fuel used : HSD & Bio Medical Waste  
Operating Load : Normal  
Type of Stack : Metal circular  
Stack Diameter (Meter) : 1.08  
Height of Stack from ground level (meter) : 32.0  
Height of sampling location from ground level (meter) : 12.0  
Average Velocity of Fuel Emission (m/s) : 8.5

### TEST RESULTS

S. No.	Parameter	Test Method	Results	Units	Limits (As per CPCB)
1.	Particulate Matter (PM)	IS:11255(Part-1)	25.68	mg/Nm <sup>3</sup>	50.0
2.	Nitrogen dioxide (NO <sub>x</sub> )	IS:11255(Part-7)	116.0	mg/Nm <sup>3</sup>	400.0
3.	Hydro chloride (HCl)	APHA-Air	6.78	mg/Nm <sup>3</sup>	50.0
4.	Carbon monoxide (as CO)	USEPA Method No.10	0.15	%	Limit not specified
5.	Carbon dioxide (CO <sub>2</sub> )	Orsat Apparatus	1.02	%	Limit not specified

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## TEST CERTIFICATE

**Issued To:** M/s Ferrosang Enviro Solutions  
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**Address:** Khasra No. 925, 1612 Rasoolpur,  
Salon Raebareli

**Report Code** : WW-050226-08  
**Test Report of** : Waste Water  
**Sample Discipline** : Pollution & Environment  
**Service Request No** : NTL/SRF/02/26-010  
**Service Request Date** : 02/02/2026  
**Report Issue Date** : 10/02/2026

### SAMPLING & ANALYSIS DATA

Sample Drawn On : 03/02/2026  
Sample Drawn By : NTL Representative  
Sample Description : ETP Outlet  
Sample Quantity/Packing detail : 1 litre pet bottle/Glass Bottle  
Analysis Duration : 05/02/2026 to 10/02/2026  
Sampling Procedure : NTL/LAB/W-WATER/SOP-002

### TEST RESULTS

S.No	Parameter	Test Method	Results	Units	Limit as per CPCB norms
1.	-pH	IS:3025(Part-11):1983	7.48	-	6.5-8.5
2.	Total Suspended Solids at 105°C	IS:3025(Part-17):1984	18.0	mg/l	100 max
3.	Chemical Oxygen Demand (as O <sub>2</sub> )	IS 3025 (Part-58)	78.0	mg/l	250 max
4.	Biological Oxygen Demand (for 3 days at 27±1°C)	IS:3025(Part-44):1993	17.0	mg/l	30 max
5.	Oil & grease	IS:3025(Part-39):1984	BDL(<4.0)	mg/l	10 max
6.	Bio-assay Test (% Survival of fish after 96 hrs)	IS:6582-:1971	90.0	-	90 min

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## TEST CERTIFICATE

<b>Issued To:</b> M/s Ferrosang Enviro Solutions Private Limited	<b>Report Code</b> : MS-050226-07
<b>Address:</b> Khasra No. 925, 1612 Rasoolpur, Salon Raebareli	<b>Test Report of</b> : Verification Autoclave
	<b>Service Request No</b> : NTL/SRF/02/26-010
	<b>Service Request Date</b> : 02/02/2026
	<b>Report Issue Date</b> : 10/02/2026

### Sampling & Analysis Data

Sample Drawn On : 03/02/2026  
 Sample Description : Treated Spore stripes  
 Analysis Duration : 05/02/2026 to 10/02/2026

TEST RESULT		
TESTS	PROTOCOL	RESULTS
Verification of efficacy of autoclave (Using biological Spore Stripe)	NTL/MB/MICRO-03	No growth found in any processed Stripe
Remarks- Stripe were treated at 121°C for 45 minutes (as per the client Procedure)		

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