



**Ultimate**  
ENVIROLYTICAL SOLUTIONS PVT. LTD.

LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2  
Kabir Nagar, Raipur (C.G.) - 492099  
LAB 2 : HIG-36, Phase II, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name &amp; Address of The Customer</i>		Report No.	UESPL/TR/25-26/03623	
<b>To,</b> <b>Crest Steel And Power Private Limited</b> <b>Village: Joratarai,</b> <b>Post – Mangatta</b> <b>Rajnandgaon 491441</b>		Lab Ref No.	UESPL/25-26/AAQM/06929-06930	
		Date of Sampling	18/12/2025	
		Date of Receipt	19/12/2025	
		Date of Report	23/12/2025	
		Date of Analysis	Start: 19/12/2025	End: 23/12/2025
<b>SAMPLE DETAILS</b>				
Monitoring For	Ambient Air Quality Monitoring			
Sampling Location	1. Near Pond Area 2. Store Area			
Customer Ref. No. & Date	8300000188, Dated: 08.04.2025			
Duration Of Sampling	As per CPCB norms			
Sample Collected By	Laboratory Chemist			
Sampling Procedure	As Per Method Reference			
Sample Quantity/Packing	Filter Paper (PM <sub>10</sub> ): 1X1 No., Filter Paper (PM <sub>2.5</sub> ): 1X1 No. SO <sub>2</sub> : 30mlX1 No. PVC Bottle, NO <sub>2</sub> : 30mlX1 NO. PVC Bottle.			

### Test Method for Ambient Air Quality Monitoring

Parameter	Method Reference
Particulate Matter size less than 10 microns (PM <sub>10</sub> )	IS: 5182 (Part-23) : 2006 RA 2022
Particulate Matter size less than 2.5 microns (PM <sub>2.5</sub> )	IS: 5182 (Part-24) : 2019
Sulphur Dioxide (SO <sub>2</sub> )	IS: 5182 (Part-2/Sec.1) : 2001 RA 2023
Nitrogen Dioxide (NO <sub>2</sub> )	IS: 5182 (Part-6) : 2006 RA 2022
Carbon Monoxide (CO) *	IS: 5182 (Part-10)

### TEST REPORT

Parameter	Unit	NAAQM Standard	Results	
			Near Pond Area	Store Area
PM <sub>10</sub>	µg/m <sup>3</sup>	100	66.24	75.69
PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	27.59	31.76
SO <sub>2</sub>	µg/m <sup>3</sup>	80	22.04	26.95
NO <sub>2</sub>	µg/m <sup>3</sup>	80	26.38	32.12
CO	mg/m <sup>3</sup>	4.0	0.36	0.72

#### REMARKS: RESULTS ARE AS ABOVE

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 <b>REVIEWED BY</b>		<i>For</i> <b>ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</b>  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----



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Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name &amp; Address of The Customer</i>		Report No.	UESPL/TR/25-26/03624	
<b>To,</b> <b>Crest Steel And Power Private Limited</b> <b>Village: Joratarai,</b> <b>Post – Mangatta</b> <b>Rajnandgaon 491441</b>		Lab Ref No.	UESPL/25-26/W/06931	
		Date of Sampling	18/12/2025	
		Date of Receipt	19/12/2025	
		Date of Report	23/12/2025	
		Date of Analysis	Start: 19/12/2025	End: 23/12/2025
<b>SAMPLE DETAILS</b>				
Order /Reference:		8300000188, Dated: 08.04.2025		
Customer Sample ID / Sampling Location		New pond		
Sample Type		Surface Water		
Sample Collected By		Laboratory Chemist		
Packing of Sample		3 L X 1 No. PVC Can, 1 L X 1 No. Glass Bottle		
Sampling Procedure		As Per Standard Method - UESPL/File/SW/01		

REPORT NO.- 03624

**TEST REPORT**

Sr. No.	Parameter	Unit	Method Reference	Result
1	Colour	Hazen	IS:3025(Part-4):2021	5
2	Turbidity	NTU	IS:3025(Part-10):2023	0.78
3	pH	-	IS:3025(Part-11):2022	7.44
4	Residual Chlorine	mg/L	IS 3025(Part-26):2021	N.D.
5	Total Dissolved Solids	mg/L	IS:3025(Part-16):2023	252
6	Alkalinity Total (as CaCO <sub>3</sub> )	mg/L	IS:3025(Part-23):2023	104
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	IS:3025(Part-21):2009 RA 2019	156
8	Calcium (as Ca)	mg/L	IS:3025(Part-40):1991 RA 2019	39.27
9	Magnesium (as Mg)	mg/L	APHA 24 <sup>th</sup> Ed.2023,3500-Mg-B, 274	14.09
10	Chloride (as Cl)	mg/L	IS:3025(Part-32):1988 RA 2019	21.9
11	Sulphate (as SO <sub>4</sub> )	mg/L	IS:3025(Part-24/Sec.1): 2022	18.64
12	Nitrate (NO <sub>3</sub> )	mg/L	APHA 24th Ed.2023,4500-NO3-B, 434-435	5.16
13	Boron (as B)	mg/L	IS:3025(Part-57)	N.D.
14	Iron (as Fe)	mg/L	IS:3025(Part-53):2003 RA 2019	N.D.
15	Fluoride (as F)	mg/L	IS:3025(Part-60):2008 RA 2019	N.D.
16	Manganese (as Mn)	mg/L	USEPA - SW - 846 : Method -7000B	N.D.
17	Lead (as Pb)	mg/L	IS:3025(Part-47):1994 RA 2019	N.D.
18	Zinc (as Zn)	mg/L	IS:3025(Part-49):1994 RA 2019	N.D.
19	Copper (as Cu)	mg/L	IS:3025(Part-42):1992 RA 2019	N.D.
20	Aluminium (as Al)	mg/L	IS:3025(Part-55):2003, RA 2019	N.D.
21	Mercury (as Hg)	mg/L	IS:3025(Part-48):1994 RA 2019	N.D.
22	Arsenic (as As)	mg/L	IS:3025(Part-37):2022	N.D.
23	Selenium (as Se)	mg/L	IS:3025(Part-56)	N.D.
24	Chromium (as Cr)	mg/L	IS:3025(Part-52):2003 RA 2019	N.D.
25	Sulphide (as S)	mg/L	IS:3025(Part-29)	N.D.
26	Cyanide (as CN)	mg/L	IS:3025(Part-27)	N.D.



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Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

REPORT NO.-- 03624

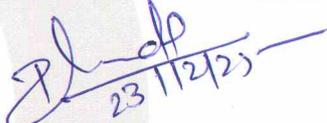
**TEST REPORT**

Sr. No.	Parameter	Unit	Method Reference	Result
27	Anionic Detergent (as MBAS)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 5540-MBAS-C, 585	N.D.
28	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS:3025(Part-43)	N.D.
29	Poly-nuclear Aromatic Hydrocarbon (PAH)	µg/L	APHA 24 <sup>th</sup> Ed. 6440-PAH-B, 703	N.D.
30	Mineral Oil	mg/L	IS:3025(Part-39):1991, RA 2003, Ed. 2.1	N.D.
Microbial Parameter				
1	Total Coliform	MPN/ 100 ML	IS: 1622:1981:RA:2019	130
2	E - Coli	MPN/ 100 ML	IS: 1622:1981:RA:2019	22

Note: mg/lit.: milligram per liter.

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Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name &amp; Address of the Customer</i>		Report No	UESPL/TR/25-26/03625	
<b>To,</b> <b>Crest Steel And Power Private Limited</b> <b>Village: Joratarai,</b> <b>Post - Mangatta</b> <b>Rajnandgaon 491441</b>		Lab. Ref. No.	UESPL/25-26/W/06932	
		Date of Sampling	18/12/2025	
		Date of Receipt	19/12/2025	
		Date of Report	23/12/2025	
		Date of Analysis	Start: 19/12/2025	End: 23/12/2025
<b>SAMPLE DETAILS</b>				
Customer Sample ID	Near SMS Area	Customer Ref. No. & Date	8300000188, Dated: 08.04.2025	
Sample Type	Effluent Water	Sample Condition At Receipt	Ok	
Packing of Sample	Jerry Cane (3 ltr.*1) Glass bottle (1 ltr.*1)	Sample Collected By	Laboratory Chemist	
Other Details	Sealed	Quantity Received	Approx. 5Ltr.	

### TEST REPORT

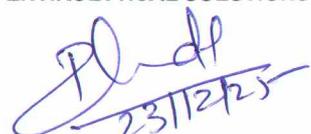
SR. NO.	PARAMETER	UNIT	METHOD OF TEST	LIMITS AS PER CONSENT	RESULT
1	pH Value at 25.2°C	-	IS:3025 (Part-11) - 2022	5.5 To 9.0	7.49
2	Total Suspended Solid	mg/L	IS:3025 (Part-17) - 2022	100	18.4
3	Chemical Oxygen Demand	mg/L	IS:3025 (Part-58) - 2023	250	60
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025 (Part-44) - 2023	30	11.4
5	Oil & Grease	mg/L	IS:3025 (Part-39) - 2021	10	Absent

Note:mg/lit.: milligram per liter. N.D.: Not Detected.

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 23/12/25 <b>REVIEWED BY</b>		For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</b>  23/12/25 <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report-----



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Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name &amp; Address Of The Customer</i>		REPORT NO.	UESPL/TR/25-26/03626
<b>To,</b>		LAB REF NO.	UESPL/25-26/N/06933-06934
<b>Crest Steel And Power Private Limited</b>		DATE OF REPORT	23/12/2025
<b>Village: Joratarai,</b>		DATE OF SAMPLING	18/12/2025
<b>Post – Mangatta</b>			
<b>Rajnandgaon 491441</b>			
<b>SAMPLE DETAILS</b>			
Monitoring For	Noise Level Monitoring		
Customer Ref. No. & Date	8300000188, Dated: 08.04.2025		
Sampling Location	1. Near Pond Area 2. Store Area		
Sample Collected By	Laboratory Chemist		
Sampling Procedure	Manufacturer's Instruction		

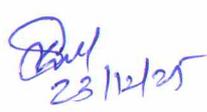
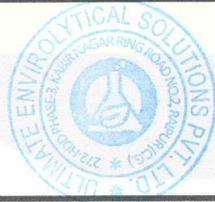
### TEST REPORT

LOCATION	UNIT	RESULT		LIMIT (INDUSTRIAL ZONE)	
		DAY TIME	NIGHT TIME	DAY TIME	NIGHT TIME
Near Pond Area	dB(A)	69.4	56.8	75	70
Store Area	dB(A)	66.7	53.5		

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<b>Name &amp; Address Of The Customer</b> <b>To,</b> <b>Crest Steel And Power Private Limited</b> <b>Village: Joratarai,</b> <b>Post – Mangatta</b> <b>Rajnandgaon 491441</b>	Report No.	UESPL/TR/25-26/03627	
	Lab Ref No.	UESPL/25-26/FE/06935	
	Date of Sampling	18/12/2025	
	Date of Receipt	19/12/2025	
	Date of Report	23/12/2025	
	Date of Analysis	Start: 19/12/2025	End: 23/12/2025
<b>SAMPLE DETAILS</b>			
Monitoring For	Fugitive Emission		
Customer Ref. No.	8300000188, Dated: 08.04.2025		
Sampling Location	Near Power Plant Area		
Duration Of Sampling	8 Hours		
Sample Collected by	Laboratory Chemist		
Sampling Procedure	As Per Method Reference		
Sample Quantity/Packing	GMF Filter Paper (8 X 10 Inch): 1x1 No.		

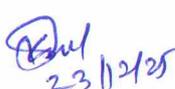
## TEST REPORT

Locations	Unit	Suspended Particulate Matter (SPM)	Limit as per MOEF&CC Notification	Method Reference
Near SMS Area	$\mu\text{g}/\text{m}^3$	1241	2000	EPA Method IO-2.1

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LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2  
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Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name &amp; Address Of The Customer</i>		Report No	UESPL/TR/25-26/03628	
<b>To,</b>		Lab Ref No	UESPL/25-26/ST/06936	
<b>Crest Steel And Power Private Limited</b>		Date of Sampling	18/12/2025	
<b>Village: Joratarai,</b>		Date of Receipt	19/12/2025	
<b>Post – Mangatta</b>		Date of Report	23/12/2025	
<b>Rajnandgaon 491441</b>		Date of Analysis	Start: 19/12/2025	End: 23/12/2025
SAMPLE DETAILS				
Monitoring For	Stack Emission Monitoring			
Sampling Location	Stack No. - 1 (WHRB+AFBC)			
Customer Ref. No. & Date	8300000188, Dated: 08.04.2025			
Sample Collected By	Laboratory Chemist			
Sampling Procedure	IS 11255 Part 1,2:1985 Reaffirmed 2009; Part 3:2008, Part 7:2005 Reaffirmed 2012, IS 5182 (Part 10) :2003			
Sample Quantity/Packing	Thimble: 1 X 1 No., SO <sub>2</sub> : 30 ml X 1 No. PVC Bottle, NO <sub>x</sub> : 25 ml X 1 No. PVC Bottle, Rubber Bladder: 1 X 1 No., Hg: 500ml X 1 No. Glass Bottle & 500 ml X 3 No. PVC Bottle.			

## TEST REPORT

Stack details				
Stack Identity	STACK NO. - 1 (WHRB+AFBC)			
Stack Attached To	ESP			
Material of Construction	RCC			
Stack Height Above Ground Level (Mtr.)	75			
Stack Diameter	3.5			
Stack Shape At Top	CIRCULAR			
Type Of Fuel	COAL			
Parameter	Unit	Result	Limit	Method Reference
Flue Gas Temperature	°C	97.0	-	IS:11255:(Part-3):2008
Flue Gas Velocity	M/s	10.14	-	IS:11255:(Part-3):2008
Total Gas Quantity	Nm <sup>3</sup> /h	282722	-	IS:11255:(Part-3):2008
Particulate Matter (PM)	mg/Nm <sup>3</sup>	22.8	30	IS:11255:(Part-1):1985 RA 2019
Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	210.2	600	IS:11255:(Part-2):1985 RA 2019
Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	166.8	300	IS:11255:(Part-7):2005 RA 2022
Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	0.20	-	IS 13270 RA 2019

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-----End of the test report-----



LAB 1 : HDD-272, Phase III - Near JP Chowk, Ring Road No.-2  
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Ph : 0771 - 4523921, 9111184455, Email : uespllab@gmail.com

<i>Name &amp; Address Of The Customer</i>		Report No	UESPL/TR/25-26/03629		
<b>To, Crest Steel And Power Private Limited Village: Joratarai, Post – Mangatta Rajnandgaon 491441</b>		Lab Ref No	UESPL/25-26/ST/06937		
		Date of Sampling	18/12/2025		
		Date of Receipt	19/12/2025		
		Date of Report	23/12/2025		
		Date of Analysis	Start: 19/12/2025	End: 23/12/2025	
		<b>SAMPLE DETAILS</b>			
Monitoring For	Stack Emission Monitoring				
Sampling Location	Stack NO - 2 (WHRB)				
Customer Ref. No. & Date	8300000188, Dated: 08.04.2025				
Sample Collected By	laboratory Chemist				
Sampling Procedure	IS 11255 Part 1,2:1985 Reaffirmed 2009; Part 3:2008, Part 7:2005 Reaffirmed 2012, IS 5182 (Part 10) :2003				
Sample Quantity/Packing	Thimble: 1 X 1 No., SO <sub>2</sub> : 30 ml X 1 No. PVC Bottle, NO <sub>x</sub> : 25 ml X 1 No. PVC Bottle, Rubber Bladder: 1 X 1 No., Hg: 500ml X 1 No. Glass Bottle & 500ml X 3 No. PVC Bottle.				

## TEST REPORT

<b>Stack details</b>				
Stack Identity	STACK NO - 2 (WHRB)			
Stack Attached To	ESP			
Material of Construction	RCC			
Stack Height Above Ground Level (Mtr.)	65			
Stack Diameter	2.13			
Stack Shape At Top	CIRCULAR			
Type Of Fuel	COAL			
<b>Parameter</b>	<b>Unit</b>	<b>Result</b>	<b>Limit</b>	<b>Method Reference</b>
Flue Gas Temperature	°C	145.0	-	IS:11255:(Part-3):2008
Flue Gas Velocity	M/s	11.84	-	IS:11255:(Part-3):2008
Total Gas Quantity	Nm <sup>3</sup> /h	108223	-	IS:11255:(Part-3):2008
Particulate Matter (PM)	mg/Nm <sup>3</sup>	27.8	30	IS:11255:(Part-1):1985 RA 2019
Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	310.4	600	IS:11255:(Part-2):1985 RA 2019
Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	188.6	300	IS:11255:(Part-7):2005 RA 2022
Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	0.25	-	IS 13270 RA 2019

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-----End of the test report-----