



HDD-272, Phase III - Near JP Chowk  
Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099  
Ph : 0771 - 4027777  
Email : uespllab@gmail.com, ultimatenviro@gmail.com

<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/25-26/01074	
	Lab Ref No.	UESPL/25-26/AAQM/01887-01888	
	Date of Sampling	10/07/2025	
	Date of Receipt	11/07/2025	
	Date of Report	15/07/2025	
	Date of Analysis	Start:11/07/2025	End:15/07/2025

## SAMPLE DETAILS

Monitoring For	Ambient Air Quality Monitoring
Sampling Location	1. Near Kiln No.3 2. Near Pond 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)

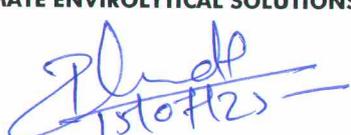
## TEST REPORT

Parameter	Unit	NAAQM Standard	Results	
			Near Kiln No.3	Near Pond Area
PM <sub>10</sub>	µg/m <sup>3</sup>	100	70.64	66.84
PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	29.32	27.94
SO <sub>2</sub>	µg/m <sup>3</sup>	80	25.49	21.18
NO <sub>2</sub>	µg/m <sup>3</sup>	80	29.66	25.36
CO	mg/m <sup>3</sup>	4.0	0.38	0.28

## REMARKS: RESULTS ARE AS ABOVE

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



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<b>Name &amp; Address of The Customer</b>		<b>Report No.</b>	UESPL/TR/25-26/01075
<b>To, Crest Steel And Power Private Limited Village: Joratarai, Post - Mangatta Rajnandgaon 491441</b>		<b>Lab Ref No.</b>	UESPL/25-26/W/01889
		<b>Date of Sampling</b>	10/07/2025
		<b>Date of Receipt</b>	11/07/2025
		<b>Date of Report</b>	15/07/2025
		<b>Date of Analysis</b>	Start:11/07/2025      End: 15/07/2025
		<b>SAMPLE DETAILS</b>	
<b>Order /Reference:</b>	8300000188, Dated: 08.04.2025		
<b>Customer Sample ID / Sampling Location</b>	New pond		
<b>Sample Type</b>	Surface Water		
<b>Sample Collected By</b>	Laboratory Chemist		
<b>Packing of Sample</b>	3 L X 1 No. PVC Can, 1 L X 1 No. Glass Bottle		
<b>Sampling Procedure</b>	As Per Standard Method - UESPL/File/SW/01		

REPORT NO.- 01075

**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	0.90
3	pH	-	IS:3025(Part-11):2022	7.42
4	Residual Chlorine	mg/L	IS 3025(Part-26):2021	N.D.
5	Total Dissolved Solids	mg/L	IS:3025(Part-16):2023	266
6	Alkalinity Total (as CaCO <sub>3</sub> )	mg/L	IS:3025(Part-23):2023	112
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	IS:3025(Part-21):2009 RA 2019	146
8	Calcium (as Ca)	mg/L	IS:3025(Part-40):1991 RA 2019	36.07
9	Magnesium (as Mg)	mg/L	APHA 24 <sup>th</sup> Ed.2023,3500-Mg-B, 274	13.61
10	Chloride (as Cl)	mg/L	IS:3025(Part-32):1988 RA 2019	24.9
11	Sulphate (as SO <sub>4</sub> )	mg/L	IS:3025(Part-24/Sec.1): 2022	15.88
12	Nitrate (NO <sub>3</sub> )	mg/L	APHA 24 <sup>th</sup> Ed.2023,4500-NO3-B, 434-435	3.46
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.
27	Anionic Detergent (as MBAS)	mg/L	APHA 24 <sup>th</sup> Ed.2023, 5540-MBAS-C, 585	N.D.

REPORT NO.- 01075

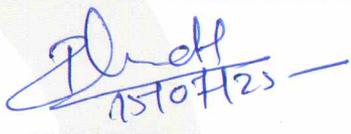
**TEST REPORT**

Sr. No.	Parameter	Unit	Method Reference	Result
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	100
2	E - Coli	MPN/ 100 ML	IS: 1622:1981:RA:2019	28

Note: mg/lit.: milligram per liter.

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

<b>Name &amp; Address Of The Customer</b>		<b>Report No</b>	UESPL/TR/25-26/01076	
<b>To,</b>		<b>Lab. Ref. No.</b>	UESPL/25-26/W/01890	
<b>Crest Steel And Power Private Limited</b>		<b>Date of Sampling</b>	10/07/2025	
<b>Village: Joratarai,</b>		<b>Date of Receipt</b>	11/07/2025	
<b>Post - Mangatta</b>		<b>Date of Report</b>	15/07/2025	
<b>Rajnandgaon 491441</b>		<b>Date of Analysis</b>	Start:11/07/2025	End:15/07/2025
<b>SAMPLE DETAILS</b>				
<b>Customer Sample ID</b>	Near SMS Area	<b>Customer Ref. No. &amp; Date</b>	8300000188, Dated: 08.04.2025	
<b>Sample Type</b>	Effluent Water	<b>Sample Condition At Receipt</b>	Ok	
<b>Packing of Sample</b>	Jerry Cane (3 ltr.*1) Glass bottle (1 ltr.*1)	<b>Sample Collected By</b>	Laboratory Chemist	
<b>Other Details</b>	Sealed	<b>Quantity Received</b>	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	7.80
2	Total Suspended Solid	mg/L	IS:3025 (Part-17) - 2022	100	8.8
3	Chemical Oxygen Demand	mg/L	IS:3025 (Part-58) - 2023	250	20
4	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025 (Part-44) - 2023	30	3.6
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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-----End of the test report-----



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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/25-26/01077
	LAB REF NO.	UESPL/25-26/N/01891-01892
	DATE OF REPORT	15/07/2025
	DATE OF SAMPLING	10/07/2025

## SAMPLE DETAILS

Monitoring For	Noise Level Monitoring
Customer Ref. No. & Date	8300000188, Dated: 08.04.2025
Sampling Location	1. Near Kiln No. - 3 2. Near Pond 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 Kiln No. - 3	dB(A)	66.4	53.6	75	70
Near Pond Area	dB(A)	68.2	57.3		

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*[Signature]*  
15/7/25

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For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

*[Signature]*  
15/07/25

AUTHORIZED SIGNATORY

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



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 Ph : 0771 - 4027777  
 Email : uespllab@gmail.com, ultimatenviro@gmail.com

Name &amp; Address Of The Customer

**To,**  
**Crest Steel And Power Private Limited**  
**Village: Joratarai,**  
**Post – Mangatta**  
**Rajnandgaon 491441**

Report No.	UESPL/TR/25-26/01078	
Lab Ref No.	UESPL/25-26/FE/01893	
Date of Sampling	10/07/2025	
Date of Receipt	11/07/2025	
Date of Report	15/07/2025	
Date of Analysis	Start:11/07/2025	End: 15/07/2025

## SAMPLE DETAILS

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 Power Plant Area	$\mu\text{g}/\text{m}^3$	1236	2000	EPA Method IO-2.1

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



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<i>Name &amp; Address Of The Customer</i>		<b>Report No</b>	UESPL/TR/25-26/01079		
<b>To,</b> <b>Crest Steel And Power Private Limited</b> <b>Village: Joratarai,</b> <b>Post - Mangatta</b> <b>Rajnandgaon 491441</b>		<b>Lab Ref No</b>	UESPL/25-26/ST/01894		
		<b>Date of Sampling</b>	10/07/2025		
		<b>Date of Receipt</b>	11/07/2025		
		<b>Date of Report</b>	15/07/2025		
		<b>Date of Analysis</b>	Start:11/07/2025	End: 15/07/2025	
		<b>SAMPLE DETAILS</b>			
<b>Monitoring For</b>	Stack Emission Monitoring				
<b>Sampling Location</b>	Stack No. - 1 (WHRB+AFBC)				
<b>Customer Ref. No. &amp; Date</b>	8300000188, Dated: 08.04.2025				
<b>Sample Collected By</b>	Laboratory Chemist				
<b>Sampling Procedure</b>	IS 11255 Part 1,2:1985 Reaffirmed 2009; Part 3:2008, Part 7:2005 Reaffirmed 2012, IS 5182 (Part 10) :2003				
<b>Sample Quantity/Packing</b>	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>				
<b>Stack Identity</b>	STACK NO. - 1 (WHRB+AFBC)			
<b>Stack Attached To</b>	ESP			
<b>Material of Construction</b>	RCC			
<b>Stack Height Above Ground Level (Mtr.)</b>	75			
<b>Stack Diameter</b>	3.5			
<b>Stack Shape At Top</b>	CIRCULAR			
<b>Type Of Fuel</b>	COAL			
<b>Parameter</b>	<b>Unit</b>	<b>Result</b>	<b>Limit</b>	<b>Method Reference</b>
Flue Gas Temperature	°C	85.0	-	IS:11255:(Part-3):2008
Flue Gas Velocity	M/s	9.71	-	IS:11255:(Part-3):2008
Total Gas Quantity	Nm <sup>3</sup> /h	279808	-	IS:11255:(Part-3):2008
Total Particulate Matter (TPM)	mg/Nm <sup>3</sup>	20.4	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>	168.0	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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 <b>REVIEWED BY</b>	 <b>ULTIMATE ENVIROLYTICAL SOLUTIONS PVT. LTD.</b>	For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD  <b>AUTHORIZED SIGNATORY</b>
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-----End of the test report.....



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Ph : 0771 - 4027777  
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<i>Name &amp; Address Of The Customer</i>		Report No	UESPL/TR/25-26/01080		
<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/ST/01895		
		Date of Sampling	10/07/2025		
		Date of Receipt	11/07/2025		
		Date of Report	15/07/2025		
		Date of Analysis	Start:11/07/2025	End: 15/07/2025	
		<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	144.0	-	IS:11255:(Part-3):2008
Flue Gas Velocity	M/s	11.14	-	IS:11255:(Part-3):2008
Total Gas Quantity	Nm <sup>3</sup> /h	102069	-	IS:11255:(Part-3):2008
Total Particulate Matter (TPM)	mg/Nm <sup>3</sup>	26.2	30	IS:11255:(Part-1):1985 RA 2019
Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	312.0	600	IS:11255:(Part-2):1985 RA 2019
Oxides of Nitrogen (NO <sub>x</sub> )	mg/Nm <sup>3</sup>	186.4	300	IS:11255:(Part-7):2005 RA 2022
Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	0.29	-	IS 13270 RA 2019

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*[Signature]*  
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For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

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