



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>		<b>Report No.</b>	UESPL/TR/25-26/01074	
		<b>Lab Ref No.</b>	UESPL/25-26/AAQM/01887-01888	
		<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>	Ambient Air Quality Monitoring			
<b>Sampling Location</b>	1. Near Kiln No.3 2. Near Pond Area			
<b>Customer Ref. No. &amp; Date</b>	8300000188, Dated: 08.04.2025			
<b>Duration Of Sampling</b>	As per CPCB norms			
<b>Sample Collected By</b>	Laboratory Chemist			
<b>Sampling Procedure</b>	As Per Method Reference			
<b>Sample Quantity/Packing</b>	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**

#### Terms & conditions

- > The use of the report for publication, arbitration or as legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- > This is for information as the party has asked for above test(s) only.

 15/07/25 <b>REVIEWED BY</b>	 <b>For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</b>	 15/07/25 <b>AUTHORIZED SIGNATORY</b>
------------------------------------	---	---

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





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/25-26/01075	
	Lab Ref No.	UESPL/25-26/W/01889	
	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>			
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.- 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 24th 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.
<b>Microbial Parameter</b>				
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.

**REMARKS: N.D.- NOT DETECTED****Terms & conditions**

- The report for publication, arbitration or as the legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with the customers.
- This is for information as the party has asked for the above test(s) only

 <b>REVIEWED BY</b>		For <b>ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD</b>  <b>AUTHORIZED SIGNATORY</b>
---	--	--

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





**Ultimate**  
ENVIROLYTICAL SOLUTIONS PVT. LTD.

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

Name &amp; Address Of The Customer

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

Report No	UESPL/TR/25-26/01076	
Lab. Ref. No.	UESPL/25-26/W/01890	
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

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	7.80
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.

## REMARKS: RESULTS ARE AS ABOVE

## Terms &amp; conditions

- > The use of the report for publication, arbitration or as a legal dispute is forbidden.
- > Test sample will be retained for 15 days after issue of test report unless otherwise agreed with the customer.
- > This is for information as the party has asked for the above test (s) only.

*15/7/25*

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

*15/07/25*

AUTHORIZED SIGNATORY

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





**Ultimate**  
ENVIROLYTICAL SOLUTIONS PVT. LTD.

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

Name &amp; Address Of The Customer

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

REPORT NO.	UESPL/TR/25-26/01077
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		

## REMARKS: RESULTS ARE AS ABOVE

## Terms &amp; conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

REVIEWED BY

For **ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD**

AUTHORIZED SIGNATORY

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





**Ultimate**  
ENVIROLYTICAL SOLUTIONS PVT. LTD.

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

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	µg/m <sup>3</sup>	1236	2000	EPA Method IO-2.1

REMARKS:N.D.- NOT DETECTED

## Terms &amp; conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

AUTHORIZED SIGNATORY

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





**Ultimate**  
ENVIROLYTICAL SOLUTIONS PVT. LTD.

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

Name & Address Of The Customer		Report No	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>		Lab Ref No	UESPL/25-26/ST/01894	
		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. - 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 & 500ml X 3 No. PVC Bottle.			

## TEST REPORT

<b>Stack details</b>				
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	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

REMARKS:N.D.: NOT DETECTED

### Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

*[Signature]*  
15/7/25

REVIEWED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

*[Signature]*  
15/07/25

AUTHORIZED SIGNATORY

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



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

Name & Address Of The Customer		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

Stack details				
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			
Parameter	Unit	Result	Limit	Method Reference
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

REMARKS: N.D.: NOT DETECTED

### Terms & conditions

- The report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 07 days after issue of test report unless otherwise agreed with customer.
- This is for information as the party has asked for above test(s) only.

*By*  
 15/7/25  
**REVIEWED BY**



For ULTIMATE ENVIROLYTICAL SOLUTIONS PVT LTD

*Plat*  
 15/07/25  
**AUTHORIZED SIGNATORY**

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