



Bhoomi Envirotech Pvt. Ltd.

D-1, Sector-3, Priyadarshini Nagar,
Behind Vijeta Complex, Raipur-492006
Email- info.bhoomienvirotech@gmail.com
Web Site: www.bhoomienvirotech.co.in



TC-13412

Format No. - BEPL/QF/7.8/02

TEST REPORT

ULR	TC	1	3	4	1	2	2	6	0	0	0	0	0	2	9	6	F
Report No.: BEPLTR20260429AAQ001										Date of Issue: 29.04.2026							
Name and Address of Customer*	Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)																
Lab Sample ID.	BEPL/AAQ/2026042601/001								Customer Sample ID*				AAQ-01				
Sample Description*	Ambient Air Sample								Sampling Done By				BEPL Staff				
Sampling Location*	Near Store Room								Date of Sampling				25.04.2026				
Sampling Method	As Per CPCB Guideline (Vol.1)								Duration of Sampling				24 hr.				
Environment Condition During Testing	Temp. (°C) - 25.1°C								Environment Condition During Sampling				Temp. (°C)				
	Humidity (% RH) - 50 %												Min.- 25°C Max.- 42°C				
													Humidity (% RH)				
													Min.- 24 % Max.- 56 %				
Sample Quantity Received	PM10 (F.P. x 03 Nos.), PM 2.5 (F.P. x 01 Nos.), SO2 x 01 PVC Bottle , NO2 x 01 PVC Bottle,																
Date of Sample Received	26.04.2026								Analysis Duration				26.04.2026 to 27.04.2026				

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Limit (As per NAAQS)	Method Reference
1	Particulate Matter (PM ₁₀)	µg/m ³	82.45	100	IS 5182 (P-23) RA 2022
2	Particulate Matter (PM _{2.5})	µg/m ³	40.50	60	IS 5182 (P-24) RA 2024
3	Sulphur Dioxide (SO ₂)	µg/m ³	21.34	80	IS 5182 (P-2/Sec 1) RA 2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	31.76	80	IS 5182 (P-6) RA 2022

Note:

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29/04/26
(Ritesh Kurhade)
Reviewed By



For, Bhoomi Envirotech Pvt. Ltd.

M. Sinha
29/04-26
(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....



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TEST REPORT

ULR	TC	1	3	4	1	2	2	6	0	0	0	0	0	2	9	7	F					
Report No.: BEPLTR20260429AAQ002									Date of Issue: 29.04.2026													
Name and Address of Customer*	Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)																					
Lab Sample ID.	BEPL/AAQ/2026042601/002								Customer Sample ID*				AAQ-02									
Sample Description*	Ambient Air Sample								Sampling Done By				BEPL Staff									
Sampling Location*	Near Canteen								Date of Sampling				25.04.2026									
Sampling Method	As Per CPCB Guideline (Vol.1)								Duration of Sampling				24 hr.									
Environment Condition During Testing	Temp. (°C) - 25.1°C Humidity (% RH) - 50 %								Environment Condition During Sampling				Temp. (°C)									
													Min. - 25°C					Max. - 42°C				
													Humidity (% RH)									
													Min. - 24 %					Max. - 56 %				
Sample Quantity Received	PM10 (F.P. x 03 Nos.), PM 2.5 (F.P. x 01 Nos.), SO2 x 01 PVC Bottle, NO2 x 01 PVC Bottle,																					
Date of Sample Received	26.04.2026								Analysis Duration				26.04.2026 to 27.04.2026									

ANALYSIS RESULT

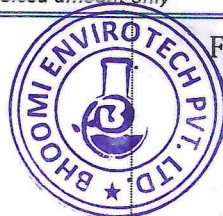
Sr. No.	Parameter	Unit	Result	Limit (As per NAAQS)	Method Reference
1	Particulate Matter (PM ₁₀)	µg/m ³	78.15	100	IS 5182 (P-23) RA 2022
2	Particulate Matter (PM _{2.5})	µg/m ³	38.46	60	IS 5182 (P-24) RA 2024
3	Sulphur Dioxide (SO ₂)	µg/m ³	18.53	80	IS 5182 (P-2/Sec 1) RA 2023
4	Nitrogen Dioxide (NO ₂)	µg/m ³	30.16	80	IS 5182 (P-6) RA 2022

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R-4
29/04/26
(Ritesh Kurhade)
Reviewed By



For, Bhoomi Envirotech Pvt. Ltd.

MSinhg
29-04-26
(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....



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TEST REPORT

Report No.:BEPLTR20260429N001		Date of Issue:29.04.2026	
Name and Address of Customer*	Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)		
Lab Sample ID	BEPL/N/2026042601/001-002	Customer Sample ID*	N-01-02
Sample Description*	Ambient Noise	Monitoring Done By	BEPL Staff
Monitoring Procedure	As Per IS 9989 & CPCB Guidelines		
Weather Condition	Sunny	Environment Condition During Sampling	Temp. (°C)
			Min.- 25°C Max.- 42°C
			Humidity(% RH)
			Min.- 24 % Max.- 56 %
Date of Sampling	25.04.2026	Duration of Sampling	24 hr.

MONITORING RESULT OF NOISE LEVEL

Sr. No.	Location	Observed Value dB(A)	
		Day Time	Night Time
1	CCM Area	68.4	57.6
2	TG Building	65.2	54.9
Limit as per CPCB Standard (Industrial Area)			
Day Time - 75		Night Time - 70	

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Ritesh Kurhade
29/04/26
(Ritesh Kurhade)
Reviewed By



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TEST REPORT

Report No.:BEPLTR20260429FE002		Date of Issue:29.04.2026		
Name and Address of Customer*	Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)			
Lab Sample ID	BEPL/FE/2026042601/003	Customer Sample ID*	FE-01	
Sample Description*	Fugitive Emission Monitoring	Sample Collected By	BEPL Staff	
Date of Sampling	25.04.206	Duration of Sampling	4 hr.	
Environment Condition for Laboratory Testing	Temp. (°C) - 25.1°C Humidity (% RH)- 50 %	Environment Condition During Sampling	Temp. (°C)	
			Min.- 25°C	Max.- 42°C
			Humidity(% RH)	
			Min.- 24 %	Max.- 56 %
Sample Quantity Received	SPM (F.P. x 01 Nos.) Each Location			
Date of Sample Received	26.04.2026	Analysis Duration	26.04.2026 to 27.04.2026	

ANALYSIS RESULT

Sr. No.	Sampling Location	Unit	Test Method	Suspended Particulate Matter (SPM)
1	RMP Area	µg/m ³	IS : 5182 (Part-4)	850.12
CPCB Standards				2000

Remark:

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29/04/26
(Ritesh Kurhade)
Reviewed By



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MSinhg
29-04-26
Meman Kumar Sinha
(Authorized Signatory)

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TC-13412

Format No. - BEPL/QF/7.8/01

TEST REPORT

ULR	TC	1	3	4	1	2	2	6	0	0	0	0	0	2	9	8	F
Report No.: BEPLTR20260429WW003									Date of Issue: 29.04.2026								
Name and Address of Customer*		Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)															
Lab Sample ID		BEPL/WW/2026042601/003						Customer Sample ID*				WW-01					
Sample Description*		Waste Water						Sample Collected By*				BEPL Staff					
Sampling Location*		SMS Cooling Tank						Date of Sampling*				25.04.2026					
Environment Condition During Testing		Temp. (°C) - 25.1°C Humidity (% RH) - 50 %						Environment Condition During Sampling*				Temp. (°C)					
												--					
												Humidity (% RH)					
												--					
Sample Quantity Received*		5 Ltr. PVC Bottle & 1 Ltr. Glass Bottle															
Date of Sample Received		26.04.2026						Analysis Duration				26.04.2026 to 29.04.2026					

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Limits as per CPCB for Discharge of Effluents		Method Reference
				Inland Surface Water	Public Sewer	
1	pH at 25°C	-	7.67	5.5 to 9.0	5.5 to 9.0	IS 3025(P-11) RA 2022
2	Total Suspended Solids (TSS)	mg/Lit	12.00	100	600	IS 3025(P-17) RA 2022
3	Chemical Oxygen Demand (COD)	mg/Lit	24.72	250	--	IS 3025(P-58) RA 2023
4	Biochemical Oxygen Demand (BOD 3 Days 27°C)	mg/Lit	3.10	30	350	IS 3025(P-44) RA 2023
5	Oil & Grease	mg/Lit	1.80	10	20	IS 3025(P-39) RA 2021

Remark: mg/Lit - milligram per liter,

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Ritesh Kurhade
(Ritesh Kurhade)
Reviewed By



Bhoomi Envirotech Pvt. Ltd.

M. Sinha
(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....



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TEST REPORT

ULR	TC	1	3	4	1	2	2	6	0	0	0	0	0	2	9	9	F
Report No.: BEPLTR20260429SW004										Date of Issue: 29.04.2026							
Name and Address of Customer*		Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)															
Lab Sample ID	BEPL/SW/2026042601/004								Customer Sample ID*	SW-01							
Sample Description*	Surface Water								Sample Collected By*	BEPL Staff							
Sampling Location*	Rever Water								Date of Sampling*	25.04.2026							
Environment Condition During Testing	Temp. (°C) - 25.1°C								Environment Condition During Sampling*	Temp. (°C)							
	Humidity (% RH) - 50 %									--							
										Humidity (% RH)							
										--							
Sample Quantity Received	5 Ltr. PVC Bottle																
Date of Sample Received	26.04.2026								Analysis Duration	26.04.2026 to 27.04.2026							

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Tolerance Limits as per IS 2296 Class C	Method Reference
1	pH at 25°C	-	7.99	8.5	IS 3025 (P-11) RA 2022
2	Total Dissolved Solid (TDS)	mg/Lit	214.0	1500	IS 3025 (P-16) RA 2023
3	Total Hardness (as CaCO ₃)	mg/Lit	106.71	--	IS 3025 (P-21) RA 2023
4	Calcium (as Ca)	mg/Lit	25.65	--	IS 3025 (P-40) RA 2024
5	Magnesium (as Mg)	mg/Lit	10.56	--	IS 3025 (P-46) RA 2023
6	Total Alkalinity	mg/Lit	104.00	--	IS 3025 (P-23) RA 2023
7	Chloride (as Cl)	mg/Lit	27.40	600	IS 3025 (P-32) RA 2019
8	Sulphate (as SO ₄)	mg/Lit	19.5	400	IS 3025 (P-24/Sec 1) RA 2022

Remark: mg/Lit - milligram per liter,

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(Ritesh Kurhade)
Reviewed By



Bhoomi Envirotech Pvt. Ltd.

M. Sinha
29.04.26
Meman Kumar Sinha
(Authorized Signatory)

.....End of test report.....



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TEST REPORT

TEST REPORT

Report No.:BEPLTR20260429SW003A		Date of Issue:29.04.2026	
Name and Address of Customer*	Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)		
Lab Sample ID	BEPL/SW/2026042601/004	Customer Sample ID*	SW-01
Sample Description*	Surface Water	Sample Collected By*	Customer
Sampling Location*	Rever Water	Date of Sampling*	25.04.2026
Environment Condition During Testing	Temp. (°C) - 25.1°C Humidity (% RH)- 50 %	Environment Condition During Sampling*	Temp. (°C)
			--
			Humidity(% RH)
			--
Sample Quantity Received*		Weather Condition- --	
5 Ltr.PVC Bottle			
Date of Sample Received	26.04.2026	Analysis Duration	26.04.2026 to 27.04.2026

ANALYSIS RESULT

Sr. No.	Parameter	Unit	Result	Tolerance Limits as per IS 2296 Class C	Method Reference
1	Colour	Hazen	<1	300	IS 3025 (P-4)
2	Taste	-	Agreeable	--	IS 3025 (P-7&8)
3	Odour	-	Agreeable	--	IS 3025 (P-5)
4	Turbidity	NTU	<1	--	IS 3025 (P-10)
5	Free Residual Chlorine	mg/Lit	N.D.	--	IS 3025 (P-26)
7	Nitrate (NO ₃)	mg/Lit	0.35	50	IS 3025 (P-34)
8	Iron (as Fe)	mg/Lit	0.016	50	IS 3025 (P-53)
9	Fluoride (as F)	mg/Lit	0.17	1.5	IS 3025 (P-60)
10	Manganese (as Mn)	mg/Lit	N.D.	--	IS 3025 (P-59)
11	Lead (as Pb)	mg/Lit	N.D.	0.1	IS 3025 (P-47)
12	Zinc (as Zn)	mg/Lit	0.04	15	IS 3025 (P-49)
13	Copper (as Cu)	mg/Lit	N.D.	1.5	IS 3025 (P-42)
14	Cadmium (as Cd)	mg/Lit	N.D.	0.01	IS 3025 (P-41)
15	Chromium (as Cr)	mg/Lit	N.D.	0.05	IS 3025 (P-52)
16	Total Coliforms	CFU/100ml	Absent	--	APHA 22nd Ed. 2012, 9921-B & C, 9-66 & 69

Remark: mg/Lit - milligram per liter, N.D. - Not Detected, CFU- Coliform Unit.

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(Ritesh Kurhade)
Reviewed By



Bhoomi Envirotech Pvt. Ltd.
M. Singh
29-04-26
(Meman Kumar Sinha)
Authorized Signatory

.....End of test report.....



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TC-13412

Format No. - BEPL/QF/7.8/04

TEST REPORT

ULR	TC	1	3	4	1	2	2	6	0	0	0	0	0	3	0	0	F
Report No.: BEPLTR20260429ST005									Date of Issue: 29.04.2026								
Name and Address of Customer*		Crest Steel and Power Private Limited, Village Joratarai, Post Mangatta, District - Rajnandgaon (C.G.)															
Lab Sample ID.		BEPL/ST/2026042601/005								Customer Sample ID*				ST-01			
Sample Description*		Stack-01								Sampling Done By				BEPL Staff			
Sampling Location*		SID Division								Date of Sampling				25.04.2026			
Environment Condition During Testing		Temp. (°C) - 25.1°C Humidity (% RH) - 50 %								Environment Condition During Sampling				Temp. (°C)			
														Min.- 25°C		Max.- 42°C	
														Humidity(% RH)			
										Min.- 24 %				Max.- 56 %			
		Weather Condition- Sunny															
Sample Quantity Received		PM (Thimble. x 01 Nos.), SO ₂ x 02 PVC Bottle, NO _x as NO ₂ x 01 Nos. NO _x Apparatus															
Sampling Method		As Per CPCB Guideline (LATS/80/2013-2014)															
Date of Sample Received		26.04.2026								Analysis Duration				26.04.2026 to 27.04.2026			

ANALYSIS RESULT

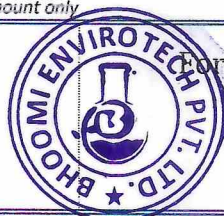
Stack Attached to		: Kiln 350 TPD With WHRB & AFBC Boiler			
Type of fuel used		: Coal & Dolomite			
Stack height above the ground		: 75 mtr			
Stack Inner dia at Port Hole		: 3.5 mtr			
Material of construction		: Rcc			
Time of Sampling (in Minute)		: 55 Minute			
Attached APCS		: ESP			
Ambient Temperature		: 41°C			
Flue Gas Temperature		: 175°C			
Velocity of Flue Gas		: 14.4 m/s			
Volume of Flue Gas Flow Rate		: 68947.2 Nm ³ /hr			
Sr. No	Parameter	Unit	Result	Limits as per Consent	Test Method
1	Particulate Matter (PM)	mg/Nm ³	26.59	30	IS 11255 (P-1), RA 2019
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	165.65	-	IS 11255 (P-2), RA 2019
3	Oxides of Nitrogen (NO _x as NO ₂)	mg/Nm ³	98.40	-	IS 11255 (P-7), RA 2022

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(Ritesh Kurhade)
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Authorized Signatory

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