



|| Shreeji ||

## SHREEJI AQUA TREATMENT PVT. LTD.

Innovative Environmental Solutions Under One Roof

Accredited by NABL as per ISO/IEC 17025:2017

Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India, New Delhi

• ENVIRONMENT • FOOD • ANIMAL FOOD & FEED • MICROBIOLOGY



TC-13877

Laboratory Recognized by Ministry of Environment, Forest & Climate Change, Govt. of India & NABL Valid Up to 13/06/2026.

ULR No.: TC138772500008344F

### TEST REPORT

Lab Inward No. : SL/25-26/04/MST/146L	Date of Sampling : 17/04/2025
Client Name:	Start of analysis : 17/04/2025
M/s. VEDANTA LTD.	End of Analysis : 21/04/2025
WASTE HEAT RECOVERY PLANT – II & COKE OVEN PLANT - EXPANSION	Report Date : 21/04/2025
SURVEY NO. 205, 207 & 33, VILLAGE SURLA, BICHOLIM - GOA.	Sample Drawn By : SATPL Representative 17/04/2025

Order / Reference: As Per TRF dated- 08/04/2025

Monitoring For : Stack Emission

Sampling Procedure : Each Analytical method covers the sampling procedure as well

Limits: GSPCB Consent No – 12/2024-PCB/2267759/R00015589

### STACK DETAILS

Identification : WASTE HEAT RECOVERY BOILER NO – 2 (65 T/hr)

Shape	ROUND	Cross sectional area (m <sup>2</sup> )	3.1415	
Height (m)	50.0	Fuel Used	Waste Heat of Coke Oven Flue Gas	
Material of Construction	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	180000	
Temperature (°C)	151	Velocity Of Flue Gases (m/s)	13.04	
Dimension at port (m)	2.0	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	103731.47	
		Load on Boiler [%]	-	

### RESULTS

Sr. No.	Parameters	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	15.37	<100	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO <sub>2</sub> )	72.49	<500	Kg/Hrs	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO <sub>x</sub>	45.47	<500	mg/Nm <sup>3</sup>	IS 11255(Part-7)2005;R 2022

Remark- : Reference to above mentioned monitoring report all the parameters are within the limits.

Disclaimer: 'Information supplied by customers represented in italic font'

### EQUIPMENT CALIBRATION DETAILS

Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
150806016	Stack Kit	SATPL/AR/SMK/3	ATCL/250318/033	15.03.2025	14.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV/30	-----	Inhouse Calibration Daily	

For Shreeji Aqua Treatment Pvt. Ltd.



SJM  
Managing Director  
Authorized Signatory

-----End of Test Report-----

The results relate to sample tested.

Page 1 of 1

Pune: Plot No. B-24, H Block, Lal Topi Nagar, Morewadi, MIDC, Pimpri-Chinchwad, Maharashtra 411018.

Lab: 1&4,Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

Vadodara: Plot No.1, Shah Ind. Park-1, Vadodara-Savli, Lamdapura. 391 775 Dist. Vadodra

Customer Care No.: +919225247365 Email: info@shreejiaqua.com Web: www.shreejiaqua.com

Shreeji Aqua is always subject to improvement for better customer satisfaction, we welcome your feedback on [pune\\_lab@shreejiaqua.com](mailto:pune_lab@shreejiaqua.com)





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ULR No.: TC138772500008382F

## TEST REPORT

Lab Inward No. : SL/25-26/04/MST/112I

Date of Sampling : 15/04/2025

Client Name:

Start of analysis : 15/04/2025

M/s. VEDANTA LIMITED ( MET COKE DIVISION) (WASTE HEAT RECOVERY POWER PLANT – I)

End of Analysis : 19/04/2025

Report Date : 19/04/2025

SURVEY NO. 205,206,207, 31/1, 33 PART OF 177,44,43/1,43/2, & 42/1 & 74, SURVEY NO. 207 (PART) OF NAVELIM VILLAGE AND SURVEY NO. 43/1, 44/4 & 44/5 OF AMONA VILLAGE, BICHOLIM – GOA

Sample Drawn By : SATPL Representative 15/04/2025

Order / Reference: As Per TRF dated- 08/04/2025

Monitoring For : Stack Emission

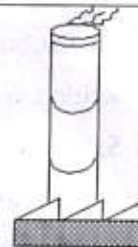
Sampling Procedure : Each Analytical method covers the sampling procedure as well

Limits: GSPCB Consent No – 12/2024-PCB/2305158/R00015723

### STACK DETAILS

Identification : De Dusting System (CSP-1) Battery 1

Shape	Round	Cross sectional area (m <sup>2</sup> )	1.2271
Height (m)	16.5	Fuel Used	NA
Material of Construction	MS	Consumption of Fuel (Nm <sup>3</sup> /hr)	NA
Temperature (°C)	51	Velocity Of Flue Gases (m/s)	13.07
Dimension at port (m)	1.25	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	53117.19
		Load on Boiler [%]	NA



### RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	7.19	<30	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985 ;R2019

Remark- : Reference to above mentioned monitoring report all the parameters are within the limits.

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### EQUIPMENT CALIBRATION DETAILS

Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
150806016	Stack Kit	SATPL/AR/SMK/39	ATCL/250318/033	15.03.2025	14.03.2026
D307534576	Digital Electronic Balance	SATPL/WT/WL/39	FSC/2503/1801/005	15.03.2025	14.03.2026
NA	Digital Spectrophotometer Model	SATPL/WT/UV/30	-----	Inhouse Calibration Daily	

For Shreeji Aqua Treatment Pvt. Ltd.



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ULR No.: TC138772500008343F

### TEST REPORT

Lab Inward No. : SL/25-26/04/MST/146K	Date of Sampling : 17/04/2025
Client Name:	Start of analysis : 17/04/2025
M/s. VEDANTA LTD.	End of Analysis : 21/04/2025
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Sampling Procedure : Each Analytical method covers the sampling procedure as well

Limits: GSPCB Consent No – 12/2024-PCB/2267759/R00015589

### STACK DETAILS

Identification : WASTE HEAT RECOVERY BOILER NO – 1 (65 T/hr)				
Shape	ROUND	Cross sectional area (m <sup>2</sup> )	3.1415	
Height (m)	50.0	Fuel Used	Waste Heat of Coke Oven Flue Gas	
Material of Construction	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	180000	
Temperature (°C)	150	Velocity Of Flue Gases (m/s)	12.49	
Dimension at port (m)	2.0	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	99569.52	
		Load on Boiler [%]	-----	

### RESULTS

Sr. No.	Parameters	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	18.44	<100	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO <sub>2</sub> )	74.64	<500	Kg/Hrs	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO <sub>x</sub>	51.23	<500	mg/Nm <sup>3</sup>	IS 11255(Part-7)2005;R 2022

Remark- : Reference to above mentioned monitoring report all the parameters are within the limits.

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