



# 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

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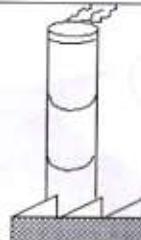
TC-13877

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

ULR No.: TC138772500008348F

## TEST REPORT

Lab Inward No. : SL/25-26/04/MST/169L	Date of Sampling : 19/04/2025		
<b>Client Name:</b>	Start of analysis : 19/04/2025		
M/s. VEDANTA LIMITED ( PIG IRON PLANT)	End of Analysis : 23/04/2025		
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	Report Date : 23/04/2025		
	Sample Drawn By : SATPL Representative 19/04/2025		
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/2197149/R00015270			
<b>STACK DETAILS</b>			
Identification : LDC Baghouse Chimney			
Shape	Round	Cross sectional area (m <sup>2</sup> )	1.5393
Height (m)	21	Fuel Used	NA
Material of Construction	MS	Consumption of Fuel (SCM/Day)	NA
Temperature (°C)	48	Velocity Of Flue Gases (m/s)	4.70
Dimension at port (m)	1.4	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	24207.16
		Load on Boiler [%]	NA



## RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	4.07	<30	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985 ;R2019

Note – NS – Not Specified, ND – Not Detected

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/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.



**SM**  
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

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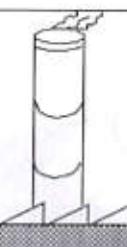


TC-13877

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ULR No.: TC138772500008346F

## TEST REPORT

Lab Inward No. : SL/25-26/04/MST/169J	Date of Sampling : 19/04/2025			
<b>Client Name:</b>	Start of analysis : 19/04/2025			
M/s. VEDANTA LIMITED ( PIG IRON PLANT)	End of Analysis : 23/04/2025			
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	Report Date : 23/04/2025			
Order / Reference: As Per TRF dated- 08/04/2025	Sample Drawn By : SATPL Representative 19/04/2025			
Monitoring For : Stack Emission				
Sampling Procedure : Each Analytical method covers the sampling procedure as well				
Limits: GSPCB Consent No – 12/2024-PCB/2197149/R00015270				
<b>STACK DETAILS</b>				
Identification : BF 1 Baghouse				
Shape	Round	Cross sectional area (m <sup>2</sup> )	2.1382	
Height (m)	30	Fuel Used	NA	
Material of Construction	MS	Consumption of Fuel (SCM/Day)	NA	
Temperature (°C)	52	Velocity Of Flue Gases (m/s)	10.20	
Dimension at port (m)	1.65	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	72037.0	
		Load on Boiler [%]	NA	

## RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	5.24	<30.0	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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				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.



**SJM**  
Managing Director  
Authorized Signatory

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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

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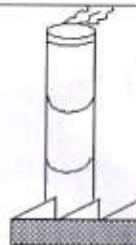


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ULR No.: TC138772500008347F

## TEST REPORT

Lab Inward No. : SL/25-26/04/MST/169K	Date of Sampling : 19/04/2025		
<b>Client Name:</b> M/s. VEDANTA LIMITED ( PIG IRON PLANT) SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	Start of analysis : 19/04/2025 End of Analysis : 23/04/2025 Report Date : 23/04/2025 Sample Drawn By : SATPL Representative 19/04/2025		
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/2197149/R00015270			
<b>STACK DETAILS</b>			
Identification : BF 2 Baghouse			
Shape	Round	Cross sectional area (m <sup>2</sup> )	3.1415
Height (m)	30	Fuel Used	NA
Material of Construction	MS	Consumption of Fuel (SCM/Day)	NA
Temperature (°C)	49	Velocity Of Flue Gases (m/s)	10.72
Dimension at port (m)	2.0	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	112224.91
		Load on Boiler [%]	NA



## RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	4.94	<30.0	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985 ;R2019

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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.



*SLM*  
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

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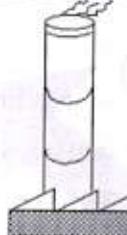
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ULR No.: TC138772500008353F

## TEST REPORT

Lab Inward No. : SL/25-26/04/MST/175E	Date of Sampling : 22/04/2025		
<b>Client Name:</b> <b>M/s. VEDANTA LIMITED ( PIG IRON PLANT)</b>	Start of analysis : 22/04/2025		
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	End of Analysis : 26/04/2025		
	Report Date : 26/04/2025		
	Sample Drawn By : SATPL Representative 22/04/2025		
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/2197149/R00015270			
<b>STACK DETAILS</b>			
Identification : HOT BLAST STOVE 1			
Shape	ROUND	Cross sectional area (m <sup>2</sup> )	2.9558
Height (m)	45.0	Fuel Used	Blast Furnace Gas
Material of Construction	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	23000
Temperature (°C)	152	Velocity Of Flue Gases (m/s)	9.09
Dimension at port (m)	1.94	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	67880.57
		Load on [%]	NA



## RESULTS

Sr. No.	Parameters	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	15.89	<30	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO <sub>2</sub> )	24.29	<250	mg/Nm <sup>3</sup>	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO <sub>x</sub>	22.84	<150	mg/Nm <sup>3</sup>	IS 11255(Part-7)2005;R 2022

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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.



*SLM*  
Managing Director  
Authorized Signatory

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

The results relate to sample tested.

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

Lab: 184, Shreeji Terrace Apt. Plot No. 53, Purna Nagar, Chikhali, Pune: 411019

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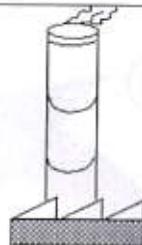
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ULR No.: TC138772500008354F

## TEST REPORT

Lab Inward No. : SL/25-26/04/MST/175F	Date of Sampling : 22/04/2025		
<b>Client Name:</b> <b>M/s. VEDANTA LIMITED ( PIG IRON PLANT)</b>	Start of analysis : 22/04/2025		
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	End of Analysis : 26/04/2025		
	Report Date : 26/04/2025		
	Sample Drawn By : SATPL Representative 22/04/2025		
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/2197149/R00015270			
<b>STACK DETAILS</b>			
Identification : HOT BLAST STOVE 2			
Shape	ROUND	Cross sectional area (m <sup>2</sup> )	2.4605
Height (m)	45.0	Fuel Used	Blast Furnace Gas
Material of Construction	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	23000
Temperature (°C)	157	Velocity Of Flue Gases (m/s)	9.34
Dimension at port (m)	1.77	Volume Of Flue Gases (Nm <sup>3</sup> /hr)	57334.13
		Load on [%]	NA



## RESULTS

Sr. No.	Parameters	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	14.14	<30	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO <sub>2</sub> )	28.03	<250	mg/Nm <sup>3</sup>	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO <sub>x</sub>	27.96	<150	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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NA	Digital Spectrophotometer Model	SATPL/WT/LV/30	-----	Inhouse Calibration Daily	

For Shreeji Aqua Treatment Pvt. Ltd.



  
Managing Director  
Authorized Signatory

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