

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



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

ULR No.: TC138772400010704F

TEST REPORT			
Lab Inward No. : SL/24-25/10/MST/119	Date of Sampling: 29/10/2024		
Client Name:	Start of analysis: 30/10/2024		
M/s. VEDANTA LIMITED ( PIG IRON PLANT)	End of Analysis: 06/11/2024		
CLIPVEY NO. 00 /s or /s or or	Report Date: 06/11/2024		
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	Sample Drawn By: SATPL Representative 29/10/2024		
Order / Reference: As Per TRE dated- 29/10/2024			

**Monitoring For: Stack Emission** 

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

Limits: Consent No.12/2024-PCB/2197149/R00015270

		STACK DETAILS		
Identification: BF 1 Baghous	e			Ligh
Shape	Round	Cross sectional area (m²)	2.1382	
Height (m)	30	Fuel Used	NA	
Material of Construction	MS	Consumption of Fuel (Kg/hr)	NA	
Temperature ( <sup>o</sup> C)	52	Velocity Of Flue Gases (m/s)	10.14	
Diameter at port (m)	1.65	Volume Of Flue Gases (Nm³/hr)	71518.42	
Diameter at port (III)	1.05	Load	NA	# A A A A A A A A A A A A A A A A A A A

		***	RESULTS		
Sr. No.	Description	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	3.27	<30.0	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019

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

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

Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
******	2			Calibrated Date	Calibration Due Date
I14C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025
55627	Digital Electronic Balance	SL/SMB/41	ACS/456/CM 30/230072	19.03.2024	18.03.2025

Review By,

Sr.Analyst

CHINCHWAD PUNE-41101

For Shreeji Aqua Treatment Pvt.Ltd.

**Quality Manager Authorized Signatory** 

-End of Test Report----

The results relate to sample tested

Page 1 of 1

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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**TEST REPORT** Lab Inward No.: SL/24-25/10/MST/120 **Date of Sampling: 29/10/2024** Client Name: Start of analysis: 30/10/2024 M/s. VEDANTA LIMITED ( PIG IRON PLANT) End of Analysis: 06/11/2024 Report Date: 06/11/2024 SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA Sample Drawn By: SATPL Representative 29/10/2024

Order / Reference: As Per TRF dated- 29/10/2024

**Monitoring For: Stack Emission** 

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

Limits: Consent No.12/2024-PCB/2197149/R00015270

SIACK	DE	AIL2	

STACK DETAILS

		STACK DETAILS	
Identification: BF 2 Baghous	se		
Shape	Round	Cross sectional area (m²)	3.1415
Height (m)	30	Fuel Used	NA
Material of Construction	MS	Consumption of Fuel (Kg/hr)	NA
Temperature (°C)	44	Velocity Of Flue Gases (m/s)	11.46
Diameter at port (m)	2.0	Volume Of Flue Gases (Nm³/hr)	121891.02
Diameter at port (iii)	2.0	Load	NA

RESULTS

			RESOLIS		
Sr. No.	Description	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	3.68	<30.0	mg/Nm³	IS 11255(Part-1)1985;R 2019

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

CHINCHWAD PLINE-411019

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**Equipment's Calibration Details** 

Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
				Calibrated Date	Calibration Due Date
I14C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025
55627	Digital Electronic Balance	SL/SMB/41	ACS/456/CM 30/230072	19.03.2024	18.03.2025

Review By

Sr.Analyst

For Shreeji Aqua Treatment Pvt.Ltd.

**Quality Manager Authorized Signatory** 

-End of Test Report--

The results relate to sample tested

Page 1 of 1

TC-13877

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

ULR No: TC138772400010706F

·	TEST REPORT
Lab Inward No. : SL/24-25/10/MST/121	Date of Sampling: 29/10/2024
Client Name:	Start of analysis: 30/10/2024
M/s. VEDANTA LIMITED ( PIG IRON PLANT)	End of Analysis: 06/11/2024
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1,	Report Date : 06/11/2024
43/1,54,56/17,AMONA, BICHOLIM-GOA	Sample Drawn By: SATPL Representative 29/10/2024
Orden / Defenses As Dev TDE Las As Selected	

Order / Reference: As Per TRF dated- 29/10/2024

Monitoring For: Stack Emission

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

Limits: Consent No.12/2024-PCB/2197149/R00015270

STACK	DFTAI	15
•		

Identification : HOT BLAST S	TOVE 1		/
Shape	ROUND	Cross sectional area (m²)	2.9558
Height (m)	45.0	Fuel Used	Blast Furnace Gas
<b>Material of Construction</b>	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	22000
Temperature (°C)	158	Velocity Of Flue Gases (m/s)	9.31
Diameter at port (m)	1.94	Volume Of Flue Gases (Nm³/hr)	68548.29
	1.54	Load on DG[%]	NA

			<b>RESULTS</b>		
Sr. No.	Description	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	8.64	<30	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO <sub>2</sub> )	24.73	<250	mg/Nm <sup>3</sup>	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO <sub>x</sub>	24.62	<150	mg/Nm <sup>3</sup>	IS 11255(Part-7)2005;R 2022

Note-NA-Not Applicable.

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

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Review By,

For Shreeji Aqua Treatment Pvt.Ltd.

Quality Manager Authorized Signatory

Sr.Analyst

A part of the report has been generated on the next page. The results relate to sample tested.

CHINCHWAD PUNE-411019

Page 1 of 2

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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_	,		Т	EST REPORT			-	
Lab In	ward No. : SL/24-25/10,	/MST/121		Date of Sai	mpling:	29/10	/2024	
Client	Name:			Start of an	alysis: 3	0/10/2	2024	
M/s. VEDANTA LIMITED ( PIG IRON PLANT)				End of Ana	lysis: 06	/11/2	024	
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1,				Report Dat	e:06/1	1/2024	ļ	4 -
	EY NOS. 29/1, 31/1,27 54,56/17,AMONA, BIC		12/1,	Sample Dra	awn By :	SATPL	Representative 2	29/10/2024
Order	/ Reference: As Per TRF	dated- 29/10/	2024				6	, , , , , , , , , , , , , , , , , , , ,
	oring For : Stack Emissio						F	
Sampli	ing Procedure : Each Ana	alytical method	d covers the sa	ampling proced	ure as w	ell	*	
	: Consent No.12/2024-P						0	
	, i			ACK DETAILS				
Identif	ication: HOT BLAST ST	OVE 1					N.	4
Shape ROUND		Cross sectional area (m²)				2.9558		
Height (m) 45.0		Fuel Used			Blast Furnace Gas			
	ial of Construction	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)			22000		(F
Tempe	erature ( <sup>o</sup> C)	158	Velocity Of Flue Gases (m/s)		n/s)		9.31	
Diamet	ter at port (m)	1.94	Volume Of Flue Gases (Nm³/hr)			68548.29		
		× - , , ,	Load on DG[%]			NA		
				RESULTS				
Sr. No.	Descriptio	n	Results	Limit	Uni	t Meth		lethod
4	Carbon Monoxide (C	(0)	255	<10000	<10000 PPM Flue Gas Analyser			as Analyser
	A-Not Applicable.			· ·				
Remark	k-: Reference to above n	nentioned mor	nitoring report	all the parame	eters are	withir	the limits.	
Disc	claimer: 'Information is	supplied by o	customers rep EQUIPMENT C	oresented in its CALIBRATION D	alic font ETAILS	•		
Sr. No.	Equipment Nar	ne E	Equipment ID	Certificate			Calibration Deta	il
	2 22						Calibrated Date	Calibration Due

Review By,

I14C664

55627

NA

Sr.Analyst

CHINCHWAD PUNE-411019

For Shreeji Aqua Treatment Pvt.Ltd.

**Inhouse Calibration Daily** 

16.03.2024

19.03.2024

Quality Manager Authorized Signatory

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

FF03217

ACS/456/CM 30/230072

F/SL/EQUIP-6.4/04-c/00

The results relate to sample tested.

Stack Kit

Digital Spectrophotometer Model

Digital ElectronicBalance

Page 2 of 2

15.03.2025

18.03.2025

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

ab: 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

SATPL/AIR/SMK/03

SL/SMB/41

SL/UV/34



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TC-13877

ULR No: TC138772400010707F

	TEST REPORT					
Lab Inward No. : SL/24-25/10/MST/122	Date of Sampling: 29/10/2024					
Client Name:	Start of analysis: 30/10/2024					
M/s. VEDANTA LIMITED ( PIG IRON PLANT)	End of Analysis: 06/11/2024					
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1,	Report Date: 06/11/2024					
43/1,54,56/17,AMONA, BICHOLIM-GOA	Sample Drawn By: SATPL Representative 29/10/2024					

STACK DETAILS

Order / Reference: As Per TRF dated- 29/10/2024

Monitoring For: Stack Emission

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

Limits: Consent No.12/2024-PCB/2197149/R00015270

STACK DETAILS								
Identification: HOT BLAST STOVE 2								
Shape	ROUND	Cross sectional area (m²)	2.4601					
Height (m)	45.0	Fuel Used	Blast Furnace Gas					
<b>Material of Construction</b>	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	22000					
Temperature ( <sup>o</sup> C)	160	Velocity Of Flue Gases (m/s)	8.96					
Diameter at port (m)	1.77	Volume Of Flue Gases (Nm³/hr)	54651.01					
- in percentage	1.77	Load on DG(%)	NA					

M	
44	

150

RESULTS	
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Sr. No.	Description	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	11.20	<30	mg/Nm <sup>3</sup>	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO <sub>2</sub> )	32.97	<250	mg/Nm <sup>3</sup>	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO <sub>x</sub>	25.34	<150	mg/Nm <sup>3</sup>	IS 11255(Part-7)2005;R 2022

Note-NA-Not Applicable.

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

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Review By,

Sr.Analyst

For Shreeji Aqua Treatment Pvt.Ltd.

Quality Manager Authorized Signatory

A part of the report has been generated on the next page. The results relate to sample tested.

Page 1 of 2

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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TEST REPORT  Lab Inward No.: SL/24-25/10/MST/122  Date of Sampling: 29/10/2024						
Date of Sampling: 29/10/2024						
Start of analysis: 30/10/2024						
End of Analysis: 06/11/2024						
Report Date: 06/11/2024						
Sample Drawn By: SATPL Representative 29/10/2024						

Order / Reference: As Per TRF dated- 29/10/2024

Monitoring For: Stack Emission

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

Limits: Consent No.12/2024-PCB/2197149/R00015270

STACK DETAILS	5	T	Ά	CK	D	ET	AI	LS
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Identification: HOT BLAST S	TOVE 1			S
Shape	ROUND	Cross sectional area (m²)	2.4601	
Height (m)	45.0	Fuel Used	Blast Furnace Gas	
Material of Construction	M.S	Consumption of Fuel (Nm <sup>3</sup> /hr)	22000	
Temperature (°C)	160	Velocity Of Flue Gases (m/s)	8.96	
Diameter at port (m)	1.77	Volume Of Flue Gases (Nm³/hr)	54651.01	
	Load on DG(%)		NA	
		DECLUTE	48 (1.0 300 527) 87 639	

#### RESULTS

Sr. No.	Description	Results	Limit	Unit	Method	
4	Carbon Monoxide (CO)	224	<10000	PPM	Flue Gas Analyser	

Note-NA-Not Applicable.

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		
	1 101			Calibrated Date	Calibration Due Date	
I14C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025	
55627	Digital ElectronicBalance	SL/SMB/41	ACS/456/CM 30/230072	19.03.2024	18.03.2025	
NA	Digital Spectrophotometer Model	SL/UV/34	F/SL/EQUIP-6.4/04-c/00	Inhouse Calibratio	on Daily	

Review By,

For Shreeji Aqua Treatment Pvt.Ltd.

Coloner

Sr.Analyst



Quality Manager Authorized Signatory

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

The results relate to sample tested.

Page 2 of 2

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

Lab: 184 Shreeji Terrace Ant Plot No. 53, Purpa Nagar, Chikhali, Puna 411010.

.ab: 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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ULR No.: TC138772400010708F

TEST REPORT			
Lab Inward No. : SL/24-25/10/MST/123	Date of Sampling: 29/10/2024		
Client Name:	Start of analysis: 30/10/2024		
M/s. VEDANTA LIMITED ( PIG IRON PLANT)	End of Analysis: 06/11/2024		
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1,	Report Date: 06/11/2024		
43/1,54,56/17,AMONA, BICHOLIM-GOA	Sample Drawn By: SATPL Representative 29/10/2024		
0.1. / 5.5			

Order / Reference: As Per TRF dated- 29/10/2024

**Monitoring For: Stack Emission** 

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

Limits: Consent No.12/2024-PCB/2197149/R00015270

		STACK DETAILS		
Identification: LDC Baghouse Chimney			2	
Shape	Round	Cross sectional area (m²)	1.5393	
Height (m)	21	Fuel Used	NA	
Material of Construction	MS	Consumption of Fuel (Kg/hr)	NA	
Temperature (°C)	48	Velocity Of Flue Gases (m/s)	4.06	
Diameter at port (m)	1.4	Volume Of Flue Gases (Nm³/hr)	20884.40	
	1.4	Load	NA	wasaanaa saasaa saasaa saasaa saasaa saasaa saasaa
		11 00 14 00 L		200 C 100 C

			RESULTS		
Sr. No.	Description	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	4.14	<30	mg/Nm³	IS 11255(Part-1)1985;R 2019

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

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Sr. No.	Equipment Name	Equipment ID	Certificate No.	Calibration Detail	
ė e				Calibrated Date	Calibration Due Date
14C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025
55627 Review By,	Digital ElectronicBalance	SL/SMB/41	ACS/456/CM 30/230072	19.03.2024	18.03.2025

Sr.Analyst



**Quality Manager 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.

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

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

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