



|| 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

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



TC-13877

ULR No.: TC138772500012451F

TEST REPORT

Lab Inward No. : SL/24-25/01/MST/124G	Date of Sampling : 29/01/2025
Client Name: M/s. VEDANTA LIMITED (PIG IRON PLANT)	Start of analysis : 29/01/2025
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA	End of Analysis : 03/02/2025
	Report Date : 03/02/2025
	Sample Drawn By : SATPL Representative 29/01/2025

Order / Reference: As Per TRF dated- 09/01/2025

Monitoring For : Stack Emission

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

Limits: GSPCB Consent No – 12/2024-PCB/2197149/R00015270

STACK DETAILS

Identification : HOT BLAST STOVE 2				
Shape	ROUND	Cross sectional area (m ²)	2.4605	
Height (m)	45.0	Fuel Used	Blast Furnace Gas	
Material of Construction	M.S	Consumption of Fuel (Nm ³ /hr)	23000	
Temperature (°C)	161	Velocity Of Flue Gases (m/s)	9.09	
Dimension at port (m)	1.77	Volume Of Flue Gases (Nm ³ /hr)	55330.74	
		Load on Boiler [%]	NA	

RESULTS

Sr. No.	Parameters	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	13.38	<30	mg/Nm ³	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO ₂)	29.90	<250	mg/Nm ³	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO _x	30.10	<150	mg/Nm ³	IS 11255(Part-7)2005;R 2022

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
I14C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



SJM

Managing Director
Authorized Signatory

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

The results relate to sample tested.

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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ULR No.: TC138772500012453F

TEST REPORT

Lab Inward No. : SL/24-25/01/MST/81Y	Date of Sampling : 20/01/2025
Client Name: M/s. VEDANTA LIMITED (MET COKE DIVISION) (WASTE HEAT RECOVERY POWER PLANT – I)	Start of analysis : 20/01/2025
	End of Analysis : 24/01/2025
	Report Date : 24/01/2025
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 20/01/2025

Order / Reference: As Per TRF dated- 09/01/2025

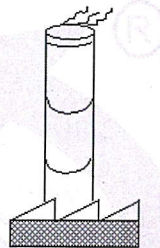
Monitoring For : Stack Emission

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 ²)	1.2271
Height (m)	16.5	Fuel Used	NA
Material of Construction	MS	Consumption of Fuel (Nm ³ /hr)	NA
Temperature (°C)	51	Velocity Of Flue Gases (m/s)	13.56
Dimension at port (m)	1.25	Volume Of Flue Gases (Nm ³ /hr)	55122.31
		Load on Boiler [%]	NA



RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	7.48	<30	mg/Nm ³	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.

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EQUIPMENT 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
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



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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: 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.: TC138772500012454F

TEST REPORT

Lab Inward No. : SL/24-25/01/MST/81Z	Date of Sampling : 20/01/2025
Client Name: M/s. VEDANTA LIMITED (MET COKE DIVISION) (WASTE HEAT RECOVERY POWER PLANT – I)	Start of analysis : 20/01/2025
	End of Analysis : 24/01/2025
	Report Date : 24/01/2025
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, BICHOILIM – GOA	Sample Drawn By : SATPL Representative 20/01/2025

Order / Reference: As Per TRF dated- 09/01/2025

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 : WASTE HEAT RECOVERY BOILER NO – 1 (64.0 T/hr)

Shape	Round	Cross sectional area (m ²)	3.1415	
Height (m)	43	Fuel Used	Blast Furnace Gas (BFG)	
Material of Construction	MS	Consumption of Fuel (Nm ³ /hr)	36000	
Temperature (°C)	147	Velocity Of Flue Gases (m/s)	11.81	
Dimension at port (m)	2.0	Volume Of Flue Gases (Nm ³ /hr)	94854.55	
		Load on Boiler [%]	NA	

RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	25.62	<150	mg/Nm ³	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.

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EQUIPMENT 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
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



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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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ULR No.: TC138772500012455F

TEST REPORT					
Lab Inward No. : SL/24-25/01/MST/81a			Date of Sampling : 20/01/2025		
Client Name: M/s. VEDANTA LIMITED (MET COKE DIVISION) (WASTE HEAT RECOVERY POWER PLANT – I) 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			Start of analysis : 20/01/2025		
			End of Analysis : 24/01/2025		
			Report Date : 24/01/2025		
Order / Reference: As Per TRF dated- 09/01/2025			Sample Drawn By : SATPL Representative 20/01/2025		
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 : WASTE HEAT RECOVERY BOILER NO – 2 (64.0 T/hr)					
Shape	Round	Cross sectional area (m ²)	3.1415		
Height (m)	43	Fuel Used	Blast Furnace Gas (BFG)		
Material of Construction	MS	Consumption of Fuel (Nm ³ /hr)	36000		
Temperature (°C)	152	Velocity Of Flue Gases (m/s)	12.03		
Dimension at port (m)	2.0	Volume Of Flue Gases (Nm ³ /hr)	95437.94		
		Load on Boiler [%]	NA		
RESULTS					
Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	22.27	<150	mg/Nm ³	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
114C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	
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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ULR No.: TC138772500012452F

TEST REPORT

Lab Inward No. : SL/24-25/01/MST/117W	Date of Sampling : 28/01/2025
Client Name: 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 : 28/01/2025
	End of Analysis : 01/02/2025
	Report Date : 01/02/2025
Order / Reference: As Per TRF dated- 09/01/2025	Sample Drawn By : SATPL Representative 28/01/2025

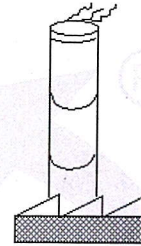
Monitoring For : Stack Emission

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

Limits: GSPCB Consent No – 12/2024-PCB/2197149/R00015270

STACK DETAILS

Identification : LDC Baghouse Chimney			
Shape	Round	Cross sectional area (m ²)	1.5393
Height (m)	21	Fuel Used	NA
Material of Construction	MS	Consumption of Fuel (SCM/Day)	NA
Temperature (°C)	45	Velocity Of Flue Gases (m/s)	4.25
Dimension at port (m)	1.4	Volume Of Flue Gases (Nm ³ /hr)	22071.02
		Load on Boiler [%]	NA



RESULTS

Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	3.83	<30	mg/Nm ³	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.

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EQUIPMENT 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
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	

For Shreeji Aqua Treatment Pvt. Ltd.



Signature

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

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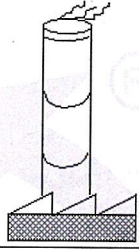

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ULR No.: TC138772500012448F

TEST REPORT					
Lab Inward No. : SL/24-25/01/MST/117U			Date of Sampling : 28/01/2025		
Client Name: 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 : 28/01/2025		
			End of Analysis : 01/02/2025		
			Report Date : 01/02/2025		
Order / Reference: As Per TRF dated- 09/01/2025			Sample Drawn By : SATPL Representative 28/01/2025		
Monitoring For : Stack Emission					
Sampling Procedure : Each Analytical method covers the sampling procedure as well					
Limits: GSPCB Consent No – 12/2024-PCB/2197149/R00015270					
STACK DETAILS					
Identification : BF 1 Baghouse					
Shape	Round	Cross sectional area (m ²)	2.1382		
Height (m)	30	Fuel Used	NA		
Material of Construction	MS	Consumption of Fuel (SCM/Day)	NA		
Temperature (°C)	54	Velocity Of Flue Gases (m/s)	10.36		
Dimension at port (m)	1.65	Volume Of Flue Gases (Nm ³ /hr)	72719.76		
		Load on Boiler [%]	NA		
					
RESULTS					
Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	4.67	<30.0	mg/Nm ³	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.					
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EQUIPMENT 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
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	
For Shreeji Aqua Treatment Pvt. Ltd.					
				SJM 2 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.

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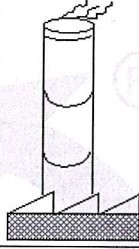

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ULR No.: TC138772500012449F

TEST REPORT					
Lab Inward No. : SL/24-25/01/MST/117V			Date of Sampling : 28/01/2025		
Client Name: M/s. VEDANTA LIMITED (PIG IRON PLANT)			Start of analysis : 28/01/2025		
SURVEY NOS. 29/1, 31/1,27,39,41,44/3,42/1, 43/1,54,56/17,AMONA, BICHOLIM-GOA			End of Analysis : 01/02/2025		
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Monitoring For : Stack Emission					
Sampling Procedure : Each Analytical method covers the sampling procedure as well					
Limits: GSPCB Consent No – 12/2024-PCB/2197149/R00015270					
STACK DETAILS					
Identification : BF 2 Baghouse					
Shape	Round	Cross sectional area (m ²)	3.1415		
Height (m)	30	Fuel Used	NA		
Material of Construction	MS	Consumption of Fuel (SCM/Day)	NA		
Temperature (°C)	47	Velocity Of Flue Gases (m/s)	11.04		
Dimension at port (m)	2.0	Volume Of Flue Gases (Nm ³ /hr)	116349.58		
		Load on Boiler [%]	NA		
					
RESULTS					
Sr. No.	Parameter	Results	Limit	Unit	Method
1	Total Particulate Matter	4.25	<30.0	mg/Nm ³	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.					
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556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	
For Shreeji Aqua Treatment Pvt. Ltd.					
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-----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.

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

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Shreeji Aqua is always subject to improvement for better customer satisfaction, we welcome your feedback on pune_lab@shreejiaqua.com



|| 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.

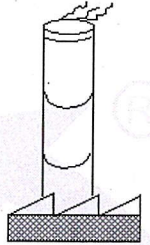
ULR No.: TC138772500012450F

TEST REPORT

Lab Inward No. : SL/24-25/01/MST/124F	Date of Sampling : 29/01/2025
Client Name: M/s. VEDANTA LIMITED (PIG IRON PLANT)	Start of analysis : 29/01/2025
	End of Analysis : 03/02/2025
	Report Date : 03/02/2025
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 29/01/2025
Order / Reference: As Per TRF dated- 09/01/2025	
Monitoring For : Stack Emission	
Sampling Procedure : Each Analytical method covers the sampling procedure as well	
Limits: GSPCB Consent No – 12/2024-PCB/2197149/R00015270	

STACK DETAILS

Identification : HOT BLAST STOVE 1			
Shape	ROUND	Cross sectional area (m ²)	2.9558
Height (m)	45.0	Fuel Used	Blast Furnace Gas
Material of Construction	M.S	Consumption of Fuel (Nm ³ /hr)	23000
Temperature (°C)	155	Velocity Of Flue Gases (m/s)	9.50
Dimension at port (m)	1.94	Volume Of Flue Gases (Nm ³ /hr)	70404.29
		Load on Boiler [%]	NA



RESULTS

Sr. No.	Parameters	Results	Limit	Unit	Method
1	Particulate Matter as (PM)	14.87	<30	mg/Nm ³	IS 11255(Part-1)1985;R 2019
2	Sulphur Dioxide (SO ₂)	26.16	<250	mg/Nm ³	IS 11255(Part-2)1985;R 2019
3	Oxides of Nitrogen as NO _x	21.56	<150	mg/Nm ³	IS 11255(Part-7)2005;R 2022

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
114C664	Stack Kit	SATPL/AIR/SMK/03	FF03217	16.03.2024	15.03.2025
556277	Digital Electronic Balance	SL/SMB/41	ACS/456/CM30/230072	19.03.2024	18.03.2025
NA	Digital Spectrophotometer Model	SL/UV/34	-----	Inhouse Calibration	

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

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