



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/0801,0820,0846,0860,0876,0783,0910,0924	Test Report Date	02/09/2025
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM – GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	AUGUST– 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 1 – NEAR AMONA GATE
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	27
Average Relative Humidity [%]	92

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/0801	04/08/2025	48.19	20.58	10.80	12.83	16.20	0.65	0.06	<1.0	<0.4	4.20	9.45	<0.1
2	GA/VEN/25/0820	07/08/2025	44.28	19.68	11.90	13.59	16.61	0.77	0.03	<1.0	<0.4	1.11	9.78	<0.1
3	GA/VEN/25/0846	12/08/2025	42.75	18.83	11.46	13.21	15.66	0.66	0.06	<1.0	<0.4	2.23	9.46	<0.1
4	GA/VEN/25/0860	14/08/2025	38.55	16.85	11.02	12.83	14.84	0.72	0.06	<1.0	<0.4	2.10	9.79	<0.1
5	GA/VEN/25/0876	18/08/2025	40.26	18.45	10.80	13.21	15.80	0.75	0.04	<1.0	<0.4	1.36	9.48	<0.1
6	GA/VEN/25/0783	21/08/2025	42.49	19.07	11.46	13.59	15.93	0.77	0.04	<1.0	<0.4	1.98	9.65	<0.1
7	GA/VEN/25/0910	25/08/2025	37.61	18.42	10.69	13.21	15.66	0.96	0.04	<1.0	<0.4	1.73	9.54	<0.1
8	GA/VEN/25/0924	28/08/2025	40.24	18.22	10.94	12.58	15.17	0.87	0.07	<1.0	<0.4	2.97	9.50	<0.1
NAAQS Limits*			100	60	80	80	400	2	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

*N.A.A.Q.S. – National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

End

For GADARKLAB PVT. LTD.

AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

Note :

1. The results relate only to the samples tested
2. Test report shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Report.
4. Test Results relate only to the conditions prevailing at the time of sampling
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.
7. Test methods of analyzed parameters are back side of analysis report.

K. S. Jagannath
CHECKED BY

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	IS 5182 (Part XXIII) 2006
PM _{2.5}	IS 5182 (Part XXIV) 2019
SO ₂	IS 5182 (Part II) 2001
NO ₂	IS 5182 (Part VI) 2006
CO	IS 5182 (Part X) 1999
Lead (Pb)	IS 5182 (Part XXII) 2004
Ozone (O ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 411 2016
Ammonia (NH ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 401 2016
Benzene (C ₆ H ₆)	IS 5182 (Part XI) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part XII):2004
Arsenic (As)	IS 5182 (Part XXII):2004
Nickel (Ni)	IS 5182 (Part XXI):2020

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2842-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 919-DTB-2020	31/01/2025	30/01/2026
3	Analytical Balance (GL/E/BAL/02)	10/06/2025	09/06/2026
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	04/08/2025	03/11/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	IS 5182 (Part XXIII) 2006
PM _{2.5}	IS 5182 (Part XXIV) 2019
SO ₂	IS 5182 (Part II) 2001
NO ₂	IS 5182 (Part VI) 2006
CO	IS 5182 (Part X) 1999
Lead (Pb)	IS 5182 (Part XXII) 2004
Ozone (O ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 411 2016
Ammonia (NH ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 401 2016
Benzene (C ₆ H ₆)	IS 5182 (Part XI) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part XII):2004
Arsenic (As)	IS 5182 (Part XXII):2004
Nickel (Ni)	IS 5182 (Part XXI):2020

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 192-B-22	14/05/2025	13/05/2026
2	Fine Particulate Sampler - Sr. No. 1363-J-23	18/09/2024	17/09/2025
3	Analytical Balance (GL/E/BAL/02)	10/06/2025	09/06/2026
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	04/08/2025	03/11/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.

Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.

Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/0803,0822,0848,0862,0878,0895,0912,0926	Test Report Date	02/09/2025
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM - GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	AUGUST- 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 3 - WHRPP1-Old (GEPL) gate.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	27
Average Relative Humidity [%]	92

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/0803	04/08/2025	50.67	21.49	10.14	10.67	17.29	0.68	0.06	<1.0	<0.4	4.70	9.48	<0.1
2	GA/VEN/25/0822	07/08/2025	40.66	18.45	11.13	11.56	16.75	0.73	0.03	<1.0	<0.4	1.85	9.60	<0.1
3	GA/VEN/25/0848	12/08/2025	41.68	17.91	10.91	11.05	14.84	0.63	0.03	<1.0	<0.4	2.84	9.85	<0.1
4	GA/VEN/25/0862	14/08/2025	37.66	16.53	10.58	10.80	15.93	0.75	0.06	<1.0	<0.4	2.10	9.24	<0.1
5	GA/VEN/25/0878	18/08/2025	35.29	15.21	10.91	11.31	16.20	0.78	0.04	<1.0	<0.4	3.09	9.79	<0.1
6	GA/VEN/25/0895	21/08/2025	38.64	18.22	11.24	11.69	15.66	0.70	0.03	<1.0	<0.4	3.09	9.74	<0.1
7	GA/VEN/25/0912	25/08/2025	43.56	21.47	10.91	11.31	15.25	0.71	0.02	<1.0	<0.4	1.11	9.48	<0.1
8	GA/VEN/25/0926	28/08/2025	42.13	20.84	10.83	10.92	15.61	0.95	0.02	<1.0	<0.4	2.47	9.40	<0.1
NAAQS Limits*			100	60	80	80	400	2	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

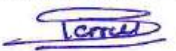
*N.A.A.Q.S. - National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

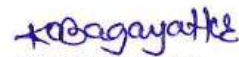
End

For GADARKLAB PVT. LTD.


AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

Note :

1. The results relate only to the samples tested
2. Test report shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Report.
4. Test Results relate only to the conditions prevailing at the time of sampling
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.
7. Test methods of analyzed parameters are back side of analysis report.


CHECKED BY

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	IS 5182 (Part XXIII) 2006
PM _{2.5}	IS 5182 (Part XXIV) 2019
SO ₂	IS 5182 (Part II) 2001
NO ₂	IS 5182 (Part VI) 2006
CO	IS 5182 (Part X) 1999
Lead (Pb)	IS 5182 (Part XXII) 2004
Ozone (O ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 411 2016
Ammonia (NH ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 401 2016
Benzene (C ₆ H ₆)	IS 5182 (Part XI) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part XII):2004
Arsenic (As)	IS 5182 (Part XXII):2004
Nickel (Ni)	IS 5182 (Part XXI):2020

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2812-DTB-2020	01/02/2025	31/01/2026
2	Fine Particulate Sampler - Sr. No. 1256-L-22	04/01/2025	03/01/2026
3	Analytical Balance (GL/E/BAL/02)	10/06/2025	09/06/2026
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	04/08/2025	03/11/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/0809,0830,0854,0870,0884,0903,0918,0934	Test Report Date	02/09/2025
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM - GOA.		
Letter Ref / Date	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	AUGUST- 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 4 -Compound Wall Towards Navelim.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	27
Average Relative Humidity [%]	92

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/0809	04/08/2025	42.71	18.78	10.58	11.31	17.29	0.78	0.04	<1.0	<0.4	2.98	9.18	<0.1
2	GA/VEN/25/0830	07/08/2025	43.16	18.89	11.46	12.32	15.80	0.71	0.03	<1.0	<0.4	2.98	9.70	<0.1
3	GA/VEN/25/0854	12/08/2025	45.14	21.35	11.90	11.69	14.71	0.68	0.02	<1.0	<0.4	0.37	9.64	<0.1
4	GA/VEN/25/0870	14/08/2025	40.27	17.66	11.02	11.31	15.80	0.67	0.06	<1.0	<0.4	1.49	9.31	<0.1
5	GA/VEN/25/0884	18/08/2025	42.15	18.16	11.35	11.81	15.25	0.76	0.03	<1.0	<0.4	3.35	9.70	<0.1
6	GA/VEN/25/0903	21/08/2025	46.63	21.64	11.68	12.07	14.98	0.80	0.02	<1.0	<0.4	2.61	9.48	<0.1
7	GA/VEN/25/0918	25/08/2025	41.82	19.73	11.35	11.69	14.71	0.83	0.02	<1.0	<0.4	1.74	9.31	<0.1
8	GA/VEN/25/0934	28/08/2025	45.79	21.38	10.83	11.94	13.57	0.62	0.05	<1.0	<0.4	0.99	9.35	<0.1
NAAQS Limits*			100	60	80	80	400	2	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

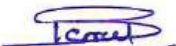
*N.A.A.Q.S. - National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

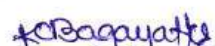
End

For GADARKLAB PVT. LTD.


AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

Note :

1. The results relate only to the samples tested
2. Test report shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Report.
4. Test Results relate only to the conditions prevailing at the time of sampling
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.
7. Test methods of analyzed parameters are back side of analysis report.


CHECKED BY

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	IS 5182 (Part XXIII) 2006
PM _{2.5}	IS 5182 (Part XXIV) 2019
SO ₂	IS 5182 (Part II) 2001
NO ₂	IS 5182 (Part VI) 2006
CO	IS 5182 (Part X) 1999
Lead (Pb)	IS 5182 (Part XXII) 2004
Ozone (O ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 411 2016
Ammonia (NH ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 401 2016
Benzene (C ₆ H ₆)	IS 5182 (Part XI) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part XII):2004
Arsenic (As)	IS 5182 (Part XXII):2004
Nickel (Ni)	IS 5182 (Part XXI):2020

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2834-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 335-DTA-2015	31/01/2025	30/01/2026
3	Analytical Balance (GL/E/BAL/02)	10/06/2025	09/06/2026
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	04/08/2025	03/11/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	IS 5182 (Part XXIII) 2006
PM _{2.5}	IS 5182 (Part XXIV) 2019
SO ₂	IS 5182 (Part II) 2001
NO ₂	IS 5182 (Part VI) 2006
CO	IS 5182 (Part X) 1999
Lead (Pb)	IS 5182 (Part XXII) 2004
Ozone (O ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 411 2016
Ammonia (NH ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 401 2016
Benzene (C ₆ H ₆)	IS 5182 (Part XI) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part XII):2004
Arsenic (As)	IS 5182 (Part XXII):2004
Nickel (Ni)	IS 5182 (Part XXI):2020

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2832-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 1327-F-23	18/09/2024	17/09/2025
3	Analytical Balance (GL/E/BAL/02)	10/06/2025	09/06/2026
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	04/08/2025	03/11/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	



GADARK LAB PVT. LTD.

INDUSTRIAL ANALYSTS & CONSULTANTS

LAB.: H-54, Additional M.I.D.C. Kudal, Taluka - Kudal, District - Sindhudurg - 416 525.
Tel. : (02362) 223519 • E-mail : info@gadark.in • Website : www.gadark.in

OFF.: 15, Hindustan Kohinoor Industrial Complex, L.B.S. Marg, Vikhroli (West), Mumbai - 83.
Tel.: (022) 2577 7069 / 2577 7070 / 2085 0091 • +91 93213 12367

TEST REPORT

Doc.No : GLPL/QF/7.8/03

Test Report No.	GA/VEN/25/0806,0826,0851,0866,0881,899,0915,0930	Test Report Date	02/09/2025
Customer Name and Address	M/s. VEDANTA LIMITED. VALUE ADDITION BUSINESS, AMONA AND NAVELIM, BICHOLIMM – GOA.		
Letter Ref / Date .	As per dated PO /2025/05/06288 (7920077644) date 07/05/2025		
Sampling Done By	GLPL	Page No.	1 of 1
Month of Sampling	AUGUST– 2025		

SAMPLING DETAILS - AMBIENT AIR MONITORING :

Sampling Location	Location 6 –Compound Wall Towards Maina.
Duration of Sampling [Hrs]	24
Average Ambient Temperature [°C]	27
Average Relative Humidity [%]	92

ANALYSIS REPORT :

Sr. No.	Report No.	Date of Sampling	Parameters											
			PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	CO***	Pb	C ₆ H ₆	As	Ni	O ₃ ***	B(a)P
1	GA/VEN/25/0806	04/08/2025	44.64	19.34	11.13	10.54	16.48	0.65	0.04	<1.0	<0.4	3.61	9.54	<0.1
2	GA/VEN/25/0826	07/08/2025	42.25	19.56	11.57	11.81	16.20	0.77	0.05	<1.0	<0.4	1.00	9.57	<0.1
3	GA/VEN/25/0851	12/08/2025	40.03	18.31	11.35	11.43	15.52	0.77	0.06	<1.0	<0.4	2.74	9.54	<0.1
4	GA/VEN/25/0866	14/08/2025	39.57	17.36	10.91	12.58	15.80	0.66	0.04	<1.0	<0.4	2.36	9.45	<0.1
5	GA/VEN/25/0881	18/08/2025	43.22	19.75	11.24	13.08	15.52	0.71	0.07	<1.0	<0.4	3.86	9.22	<0.1
6	GA/VEN/25/0899	21/08/2025	45.26	22.68	10.91	12.70	15.25	0.66	0.04	<1.0	<0.4	3.61	9.88	<0.1
7	GA/VEN/25/0915	25/08/2025	43.38	21.22	11.13	13.08	15.11	1.04	0.02	<1.0	<0.4	2.86	9.22	<0.1
8	GA/VEN/25/0930	28/08/2025	46.50	22.61	11.29	12.83	15.90	0.83	0.03	<1.0	<0.4	4.23	9.30	<0.1
NAAQS Limits*			100	60	80	80	400	2	1	5	6	20	100	1
Units			µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³

*N.A.A.Q.S. – National Ambient Air Quality Standards.

** Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

*** Hourly Value

End

For GADARKLAB PVT. LTD.

AUTHORISED SIGNATORY
[JAGANNATH S. PARAB]

Note :

1. The results relate only to the samples tested
2. Test report shall not be reproduced except in full, without written approval of the laboratory.
3. Samples will be preserved for a period 15 days from the delivery of Test Report.
4. Test Results relate only to the conditions prevailing at the time of sampling
5. Customer complaint register is available at laboratory.
6. Calibration details of the equipments used in monitoring and / or analysis is back side of analysis report.
7. Test methods of analyzed parameters are back side of analysis report.

Checked by
CHECKED BY

Test methods of analyzed parameters

Parameters	Methods
PM ₁₀	IS 5182 (Part XXIII) 2006
PM _{2.5}	IS 5182 (Part XXIV) 2019
SO ₂	IS 5182 (Part II) 2001
NO ₂	IS 5182 (Part VI) 2006
CO	IS 5182 (Part X) 1999
Lead (Pb)	IS 5182 (Part XXII) 2004
Ozone (O ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 411 2016
Ammonia (NH ₃)	ISC Method of Air Sampling & Analysis 3 rd Edition Method 401 2016
Benzene (C ₆ H ₆)	IS 5182 (Part XI) 2006
Benzo Pyrene (B(a)P)	IS 5182 (Part XII):2004
Arsenic (As)	IS 5182 (Part XXII):2004
Nickel (Ni)	IS 5182 (Part XXI):2020

CALIBRATION DETAILS OF EQUIPMENT USED FOR SAMPLING

Sr. No.	Instrument Type	Calibrated On	Calibration Due Date
1	Respirable Dust Sample - Sr. No. 2839-DTB-2020	02/02/2025	01/02/2026
2	Fine Particulate Sampler - Sr. No. 1365-J-23	18/12/2024	17/12/2025
3	Analytical Balance (GL/E/BAL/02)	10/06/2025	09/06/2026
4	Gas Chromatograph – Model Thermo-Fisher, Trace 1110	10/05/2025	09/05/2026
5	UV Spectrophotometer Model – UV - 3092, ID No. GL/EQ/UV2	04/08/2025	03/11/2025
6	ICP – OES , Thermo-fisher	Inhouse Calibration	