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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyze*

Workzone Air Quality Monitoring Report Report No. AB/PIP/12/2020-21/306

Name of Client & Address: PORITE INDIA PVT. LTD., Plot No. A-1/2/1, MIDC Chakan Phase II, Shinde, Maharashtra 410501	Sample Code	AB/PIP/12/2020-21/306
	Sample Location	Final Inspection Area
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample type	Workzone Air
	Method of Sampling	As per IS : 5182 Part 1 (2006)
	Date of Sampling	10/12/2020
	Time of Sampling	01:30 pm.
	Sampling Duration	15 Min.
	Ambient Temp. (Max./Min.)	28.5°C/20.2°C
	Relative Humidity(RH)	44 %
	Analysis Date	11/12/2020 to 15/12/2020
	Reporting date	15/12/2020
	Instrument Details	Portable Gas Sampler, AB/Tech/Instr/138
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Suspended Particulate Matter (SPM)	0.41	mg/m ³	N.S.	NIOSH METHOD: 0500, Issue 2
2	Sulphur Dioxide (SO ₂)	0.13	mg/m ³	≤ 10	NIOSH METHOD: 6004, Issue 2
3	Oxides of Nitrogen (NO _x)	0.30	mg/m ³	≤ 10	NIOSH METHOD: 6014, Issue 2

N.S. = Not Specified

REMARKS / OBSERVATIONS:

- All above results are well within The Factories Act, 1948 Standards.

Verified By – Quality Manager

Govt. Analyst
-----End of Report-----

Authorized By – Technical Manager /
Dy. Technical Manager



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Workzone Air Quality Monitoring Report Report No. AB/PIP/12/2020-21/305

Name of Client & Address: PORITE INDIA PVT. LTD., Plot No. A-1/2/1, MIDC Chakan Phase II, Shinde, Maharashtra 410501	Sample Code	AB/PIP/12/2020-21/305
	Sample Location	Sizing Area
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample type	Workzone Air
	Method of Sampling	As per IS : 5182 Part 1 (2006)
	Date of Sampling	10/12/2020
	Time of Sampling	12:50 pm.
	Sampling Duration	15 Min.
	Ambient Temp. (Max./Min.)	28.4°C/20.1°C
	Relative Humidity(RH)	43 %
	Analysis Date	11/12/2020 to 15/12/2020
	Reporting date	15/12/2020
	Instrument Details	Portable Gas Sampler, AB/Tech/Instr/138
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Suspended Particulate Matter (SPM)	0.65	mg/m ³	N.S.	NIOSH METHOD: 0500, Issue 2
2	Sulphur Dioxide (SO ₂)	0.20	mg/m ³	≤ 10	NIOSH METHOD: 6004, Issue 2
3	Oxides of Nitrogen (NO _x)	0.37	mg/m ³	≤ 10	NIOSH METHOD: 6014, Issue 2

N.S. = Not Specified

REMARKS / OBSERVATIONS:

- All above results are well within The Factories Act, 1948 Standards.

Verified By – Quality Manager

Authorized By – Technical Manager /
Dy. Technical Manager

Govt. Analyst

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



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Workzone Air Quality Monitoring Report Report No. AB/PIP/12/2020-21/304

Name of Client & Address: PORITE INDIA PVT. LTD., Plot No. A-1/2/1, MIDC Chakan Phase II, Shinde, Maharashtra 410501	Sample Code	AB/PIP/12/2020-21/304
	Sample Location	Compactor Area
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample type	Workzone Air
	Method of Sampling	As per IS : 5182 Part 1 (2006)
	Date of Sampling	10/12/2020
	Time of Sampling	12:15 pm.
	Sampling Duration	15 Min.
	Ambient Temp. (Max./Min.)	29.0°C/20.2°C
	Relative Humidity(RH)	44 %
	Analysis Date	11/12/2020 to 15/12/2020
	Reporting date	15/12/2020
	Instrument Details	Portable Gas Sampler, AB/Tech/Instr/138
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS


Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Suspended Particulate Matter (SPM)	1.55	mg/m ³	N.S.	NIOSH METHOD: 0500, Issue 2
2	Sulphur Dioxide (SO ₂)	0.39	mg/m ³	≤ 10	NIOSH METHOD: 6004, Issue 2
3	Oxides of Nitrogen (NOx)	0.77	mg/m ³	≤ 10	NIOSH METHOD: 6014, Issue 2

N.S. = Not Specified

REMARKS / OBSERVATIONS:

- All above results are well within The Factories Act, 1948 Standards.


Verified By – Quality Manager


Govt. Analyst
-----End of Report-----


Authorized By – Technical Manager /
Dy. Technical Manager



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Ambient Air Quality Monitoring Report

Report No. AB/PIP/12/2020-21/303

Name of Client & Address: PORITE INDIA PVT. LTD., Plot No. A-1/2/1, MIDC Chakan Phase II, Shinde, Maharashtra 410501	Sample Code	AB/PIP/12/2020-21/303
	Sample Location	Near Fabrication Area
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample type	Ambient Air
	Method of Sampling	As per IS : 5182 Part 1 (2006)
	Date of Sampling	10/12/2020
	Time of Sampling	11:15 am.
	Sampling Duration	24 Hrs.
	Ambient Temp. (Max./Min.)	28.8°C/20.5°C
	Relative Humidity(RH)	46 %
	Analysis Date	11/12/2020 to 15/12/2020
	Reporting date	15/12/2020
	Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/121
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	69.84	µg/m ³	≤ 100	IS : 5182 (Part 23)-2006
2	Particulate Matter (PM _{2.5})	29.40	µg/m ³	≤ 60	USEPA (40 CFR Ch.-1)Appendix L to Part 50
3	Sulphur Dioxide (SO ₂)	24.4	µg/m ³	≤ 80	IS : 5182 (Part 2)-2001
4	Oxides of Nitrogen (NO _x)	26.1	µg/m ³	≤ 80	IS : 5182 (Part 6)-2006
5	Ozone (O ₃)	8.0	µg/m ³	≤ 180 (1 Hr.)	IS : 5182 (Part 9)-1974
6	Lead (Pb)	BDL[D.L.=0.1]	µg/m ³	≤ 1.0	Air Sampling, 3rd Edition By James P Lodge Method 401-303A ,822:1989
7	Carbon Monoxide (CO)	1.91	mg/m ³	≤ 04 (1 Hr.)	IS : 5182 (Part -10)-1999
8	Ammonia (NH ₃)	8.0	µg/m ³	≤ 400	Air Sampling, 3rd Edition By James P Lodge (Method 401)
9	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/m ³	≤ 05 (Annual)	IS 5182 (Part 11) : 2006
10	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m ³	≤ 01(Annual)	IS 5182 (Part 12) :2004
11	Arsenic (As)	BDL[D.L.=0.1]	ng/m ³	≤ 06 (Annual)	Air Sampling, 3rd Edition By James P Lodge (Method 302)
12	Nickel (Ni)	BDL[D.L.=0.1]	ng/m ³	≤ 20 (Annual)	Air Sampling, 3rd Edition By James P Lodge Method 401-303A ,822:1989

REMARKS / OBSERVATIONS:

- Above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.

Verified By – Quality Manager

Authorized By – Technical Manager /
Dy. Technical Manager

Govt. Analyst
-----End of Report-----



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Ambient Air Quality Monitoring Report

Report No. AB/PIP/12/2020-21/302

Name of Client & Address: PORITE INDIA PVT. LTD., Plot No. A-1/2/1, MIDC Chakan Phase II, Shinde, Maharashtra 410501	Sample Code	AB/PIP/12/2020-21/302
	Sample Location	Near STP Side
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample type	Ambient Air
	Method of Sampling	As per IS : 5182 Part 1 (2006)
	Date of Sampling	10/12/2020
	Time of Sampling	11:00 am.
	Sampling Duration	24 Hrs.
	Ambient Temp. (Max./Min.)	29.0°C/20.3°C
	Relative Humidity(RH)	41 %
	Analysis Date	11/12/2020 to 15/12/2020
	Reporting date	15/12/2020
	Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/120
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	57.12	µg/m ³	≤ 100	IS : 5182 (Part 23)-2006
2	Particulate Matter (PM _{2.5})	18.30	µg/m ³	≤ 60	USEPA (40 CFR Ch.-1)Appendix L to Part 50
3	Sulphur Dioxide (SO ₂)	17.6	µg/m ³	≤ 80	IS : 5182 (Part 2)-2001
4	Oxides of Nitrogen (NO _x)	18.5	µg/m ³	≤ 80	IS : 5182 (Part 6)-2006
5	Ozone (O ₃)	3.8	µg/m ³	≤ 180 (1 Hr.)	IS : 5182 (Part 9)-1974
6	Lead (Pb)	BDL[D.L.=0.1]	µg/m ³	≤ 1.0	Air Sampling, 3rd Edition By James P Lodge Method 401-303A ,822:1989
7	Carbon Monoxide (CO)	1.44	mg/m ³	≤ 04 (1 Hr.)	IS : 5182 (Part -10)-1999
8	Ammonia (NH ₃)	11.8	µg/m ³	≤ 400	Air Sampling, 3rd Edition By James P Lodge (Method 401)
9	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/m ³	≤ 05 (Annual)	IS 5182 (Part 11) : 2006
10	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m ³	≤ 01(Annual)	IS 5182 (Part 12) :2004
11	Arsenic (As)	BDL[D.L.=0.1]	ng/m ³	≤ 06 (Annual)	Air Sampling, 3rd Edition By James P Lodge (Method 302)
12	Nickel (Ni)	BDL[D.L.=0.1]	ng/m ³	≤ 20 (Annual)	Air Sampling, 3rd Edition By James P Lodge Method 401-303A ,822:1989

REMARKS / OBSERVATIONS:

- Above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.

Verified By – Quality Manager

Authorized By – Technical Manager /
Dy. Technical Manager

Govt. Analyst
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Ambient Air Quality Monitoring Report

Report No. AB/PIP/12/2020-21/301

Name of Client & Address: PORITE INDIA PVT. LTD., Plot No. A-1/2/1, MIDC Chakan Phase II, Shinde, Maharashtra 410501	Sample Code	AB/PIP/12/2020-21/301
	Sample Location	Near Main Gate
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample type	Ambient Air
	Method of Sampling	As per IS : 5182 Part 1 (2006)
	Date of Sampling	10/12/2020
	Time of Sampling	10:35 am.
	Sampling Duration	24 Hrs.
	Ambient Temp. (Max./Min.)	28.8°C/20.0°C
	Relative Humidity(RH)	41 %
	Analysis Date	11/12/2020 to 15/12/2020
	Reporting date	15/12/2020
	Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/132
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

TEST PARAMETERS

Sr. No.	Parameter	Result	Unit	NAAQ Standards	Standard Method
1	Particulate Matter (PM ₁₀)	61.77	µg/m ³	≤ 100	IS : 5182 (Part 23)-2006
2	Particulate Matter (PM _{2.5})	22.65	µg/m ³	≤ 60	USEPA (40 CFR Ch.-1)Appendix L to Part 50
3	Sulphur Dioxide (SO ₂)	20.4	µg/m ³	≤ 80	IS : 5182 (Part 2)-2001
4	Oxides of Nitrogen (NOx)	23.1	µg/m ³	≤ 80	IS : 5182 (Part 6)-2006
5	Ozone (O ₃)	6.8	µg/m ³	≤ 180 (1 Hr.)	IS : 5182 (Part 9)-1974
6	Lead (Pb)	BDL[D.L.=0.1]	µg/m ³	≤ 1.0	Air Sampling, 3rd Edition By James P Lodge Method 401-303A, 822:1989
7	Carbon Monoxide (CO)	1.64	mg/m ³	≤ 04 (1 Hr.)	IS : 5182 (Part -10)-1999
8	Ammonia (NH ₃)	3.7	µg/m ³	≤ 400	Air Sampling, 3rd Edition By James P Lodge (Method 401)
9	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/m ³	≤ 05 (Annual)	IS 5182 (Part 11) : 2006
10	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m ³	≤ 01(Annual)	IS 5182 (Part 12) :2004
11	Arsenic (As)	BDL[D.L.=0.1]	ng/m ³	≤ 06 (Annual)	Air Sampling, 3rd Edition By James P Lodge (Method 302)
12	Nickel (Ni)	BDL[D.L.=0.1]	ng/m ³	≤ 20 (Annual)	Air Sampling, 3rd Edition By James P Lodge Method 401-303A, 822:1989

REMARKS / OBSERVATIONS:

- Above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.

Verified By – Quality Manager

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Dy. Technical Manager

Govt. Analyst
-----End of Report-----

