



NAWaL Analytical Laboratories

Test Report



No: 236804

Accredited & Recognized by : ISO/IEC 17025:2017, EIC, BIS, FSSAI, APEDA, AGMARK, MoEF & ISO 9001:2015

ULR NO: TC583422000054117F Date: 15/12/2022

Sample ID No. : NAL/202212EN00010187
Discipline / Group : Chemical / Atmospheric Pollution
Name of the Customer : POLYHOSE INDIA PVT LTD
Address : 1/119, Vandalur Road, Sathankuppam (Vill),
Kelampakkam, Kanchipuram (Dist)-603 103.
Source of the Monitoring : STACK EMISSION
Requested by : Mr. Francis Xavier - Sr.Executive- HR/Admin
Date of Monitoring : 12.12.2022
Stack Attached to : 1010 KVA DG SET
Ambient temperature : 29 °C
Flue Gas Temperature : 407 °C (in sampling point).
Velocity of Flue Gas : 19.46 m/Sec
Volumetric Flow rate : 4315 m³/hr
Stack area : 0.0616sq.mt
Observation during Monitoring : Full Operation Level.
Customer Reference : Submission Form Dated.12/12/2022
Date of Sample Receipt : 13/12/2022
Date of Test Starting : 14/12/2022
Date of Test Completed : 14/12/2022

S.No.	PARAMETERS	UNITS	TEST RESULTS	CPCB Norms	TEST PROTOCOL
1	Particulate Matter as PM	mg/Nm ³	49.0	75.0	IS 11255(P-1).1985
2	Sulfur Di oxide as SO ₂	mg/Nm ³	30.0	-	IS 11255(P-2).1985
3	Oxide of Nitrogen as NO ₂	PPMv	11.7	360.0	IS. 11255(P-7). 2005
4	Carbon Monoxide as CO	mg/Nm ³	145.0	150.0	NAL/CHE/SOP/EN001
5	Oxygen as O ₂	%	19.6	-	NAL/CHE/SOP/EN002
6	NMHC	mg/Nm ³	9.0	100.0	NAL/CHE/SOP/EN/014

Note : Instrument used for Sampling, Envirotech Stack Sampler VSS 1, Calibration validity, 01.06.2023.



For NAWaL Analytical Laboratories

Authorized Signatory
S.Elamathi
Deputy Technical Manager

End of Report





NAWaL Analytical Laboratories

Test Report



No: 236805

Accredited & Recognized by : ISO/IEC 17025:2017, EIC, BIS, FSSAI, APEDA, AGMARK, MoEF & ISO 9001:2015

ULR NO: TC583422000054120F	Date: 15/12/2022
Sample ID No.	: NAL/202212EN00010188
Discipline / Group	: Chemical / Atmospheric Pollution
Name of the Customer	: POLYHOSE INDIA PVT LTD
Address	: 1/119, Vandalur Road, Sathankuppam (Vill), Kelampakkam, Kanchipuram (Dist)-603 103.
Source of the Monitoring	: STACK EMISSION
Requested by	: Mr. Francis Xavier - Sr.Executive- HR/Admin
Date of Monitoring	: 12.12.2022
Stack Attached to	: 600 KVA DG SET
Ambient temperature	: 28 °C
Flue Gas Temperature	: 364 °C (in sampling point).
Velocity of Flue Gas	: 17.82 m/Sec
Volumetric Flow rate	: 2438 m ³ /hr
Stack area	: 0.0380 sq.mt
Observation during Monitoring	: Full Operation Level.
Customer Reference	: Submission Form Dated.12/12/2022
Date of Sample Receipt	: 13/12/2022
Date of Test Starting	: 14/12/2022
Date of Test Completed	: 14/12/2022

S.No.	PARAMETERS	UNITS	TEST RESULTS	CPCB Norms	TEST PROTOCOL
1	Particulate Matter as PM	mg/Nm ³	38.0	75.0	IS 11255(P-1).1985
2	Sulfur Di oxide as SO ₂	mg/Nm ³	25.1	-	IS 11255(P-2).1985
3	Oxide of Nitrogen as NO ₂	PPMv	9.5	360.0	IS. 11255(P-7). 2005
4	Carbon Monoxide as CO	mg/Nm ³	133.0	150.0	NAL/CHE/SOP/EN001
5	Oxygen as O ₂	%	19.8	-	NAL/CHE/SOP/EN002
6	NMHC	mg/Nm ³	6.0	100.0	NAL/CHE/SOP/EN/014

Note: Instrument used for Sampling, Envirotech Stack Sampler VSS 1, Calibration validity, 01.06.2023.



For NAWaL Analytical Laboratories

Authorized Signatory
S.Elamathi
Deputy Technical Manager

End of Report





NAWaL Analytical Laboratories

Test Report



No: 236846

Accredited & Recognized by : ISO/IEC 17025:2017, EIC, BIS, FSSAI, APEDA, AGMARK, MoEF & ISO 9001:2015

ULR NO: TC583422000054119F	Date: 15/12/2022
Sample ID No.	: NAL/202212EN00010189
Discipline / Group	: Chemical / Atmospheric Pollution
Name of the Customer	: POLYHOSE INDIA PVT LTD
Address	: 1/119, Vandalur Road, Sathankuppam (Vill), Kelampakkam, Kanchipuram (Dist)-603 103.
Source of the Monitoring	: STACK EMISSION
Requested by	: Mr. Francis Xavier - Sr.Executive- HR/Admin
Date of Monitoring	: 12.12.2022
Stack Attached to	: 500 KVA DG SET
Ambient temperature	: 28 °C
Flue Gas Temperature	: 351 °C (in sampling point)
Velocity of Flue Gas	: 16.75 m/Sec
Volumetric Flow rate	: 2291 m ³ /hr
Stack area	: 0.0380 sq.mt
Observation during Monitoring	: Full Operation Level.
Customer Reference	: Submission Form Dated.12/12/2022
Date of Sample Receipt	: 13/12/2022
Date of Test Starting	: 14/12/2022
Date of Test Completed	: 14/12/2022

S.No.	PARAMETERS	UNITS	TEST RESULTS	CPCB Norms	TEST PROTOCOL
1	Particulate Matter as PM	mg/Nm ³	32.0	75.0	IS 11255(P-1).1985
2	Sulfur Di oxide as SO ₂	mg/Nm ³	20.9	-	IS 11255(P-2).1985
3	Oxide of Nitrogen as NO ₂	PPMv	7.9	360.0	IS: 11255(P-7). 2005
4	Carbon Monoxide as CO	mg/Nm ³	128.0	150.0	NAL/CHE/SOP/EN001
5	Oxygen as O ₂	%	19.9	-	NAL/CHE/SOP/EN002
6	NMHC	mg/Nm ³	4.0	100.0	NAL/CHE/SOP/EN/014

Note: Instrument used for Sampling, Envirotech Stack Sampler VSS 1, Calibration validity. 01.06.2023.



End of Report

For NAWaL Analytical Laboratories

Authorized Signatory
S.Elamathi
Deputy Technical Manager

