



HTH Laboratories Pvt. Ltd.

(Formerly Known as Haryana Test House & Consultancy Services)

Plot No. 50-C, Sector-25 Part-II, HUDA, PANIPAT-132 103 (HR.)

Contact : (Off) 86077-70160, 0160-4067223, (Env) 86077-70164, (BM) 86077-70166, (Food) 86077-70167

Web Site : www.hthlabs.com, e-mail : haryanatesthousecs@gmail.com, testing@hthlabs.com



An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 Certified Laboratory

TEST REPORT

Issued To: HARP Chemicals Pvt Ltd Village - Jahangir, Teh. Dhuri, Distt. Sangrur (Pb)	Report No. : HTH/EP/250923018 ULR No. : TC781125100018140F Party's Ref No. : Nil Booking Date : 23/09/2025 Period of Testing : 23/09/2025 To 27/09/2025 Reporting Date : 27/09/2025
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Sample Description	: Stack Emission (Boiler, 25 TPH)
Type of Industry	: Chemical unit
Name of Plant/ Section	: Boiler Section
Date of sampling	: 23/09/2025
Capacity of Boiler	: 25 TPH
Source of Emission	: Stack Attached to Boiler
Instrument used	: Stack Sampler APM 160 (Sr.No. 87 DTL 2016)
Instrument Calibration Status	: Calibrated (upto 15.12.2025)
Type of stack	: RCC
Type of Fuel used	: Biofuel
Stack height (from the ground level)	: 55 meter
Stack diameter (at the sampling point)	: 2 meter
Sample Location	: As Per Standard Norms
Purpose of sampling	: Monitoring
Sample collected by	: By our Lab. Representative
Sampling Method	: HTH/AP/SAP-02
Type of APCM	: ESP

A Observations

1. Stack gas temperature, °C	: 132.0
2. Temperature at Metering point, °C	: 33.0
3. Avg. stack gas velocity, m/sec	: 9.19
4. Sampling flow rate, Lt./min.	: 29.0
5. Period of sampling, Minutes	: 30.0
6. Volumetric flow rate, Nm3/ Hr	: 73487.45

B Results

S.N.	Test Parameters	Units	Result	Standard Limit	Test Method
Discipline: Chemical, Group: Atmospheric Pollution					
1	Particulate Matter (PM)	mg/Nm3	38.02	50 Max	IS 11255 (Part-I) : 1985
2	Sulphur Dioxide (SO2)	mg/Nm3	7.85	--	HTH/AP/STP-01
3	Nitrogen Dioxide (NO2)	mg/Nm3	47.03	--	HTH/AP/STP-01
4	Carbon Dioxide (CO2)	% v/v	6.60	--	HTH/AP/STP-01

End of Report

[Signature]
22.09.2025
Review by

[Signature]
Shobhit Kumar
Sr. Analyst (Environment)

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2. This report is only for your guidance and not for legal purpose, commercial decision, and for advertisement.
3. Samples will be destroyed after one month from the date of issue of test report unless otherwise specified.
4. The details received from customer on its own responsibility. Lab does not confirm about it and hence does not take any responsibility whatsoever.
5. The results contained in this test report pertain only to the sample tested and not for the whole lot.
6. Total liability of HTH Laboratories Pvt. Ltd. is limited to the amount of amount only.
7. Sample not drawn by HTH unit is, otherwise specified.