HTH Laboratories Pvt. Ltd.

(Formerly Known as Haryana Test House & Consultancy Services)
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DOC No. HTH/QF/7.8

TC-7811

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/260903029**
ULR No.	:	**TC781126100025274F**
Party's Ref No.	:	Nil
Booking Date	:	03/09/2026
Period of Testing	:	03/09/2026To 11/09/2026
Reporting Date	:	11/09/2026

Sample Description	:	Stack Emission (Boiler, 25 TPH)
Type of Industry	:	Chemical unit
Name of Plant/ Section	:	Boiler Section
Date of sampling	:	02/09/2026
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 12.12.2026)
Type of stack	:	RCC
Type of Fuel used	:	Biomass
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, ºC	:	112.0
2. Temperature at Metering point, ºC	:	37.0
3. Avg. stack gas velocity, m/sec	:	7.40
4. Sampling flow rate, Lt./min.	:	27.0
5. Period of sampling, Minutes	:	38.0
6. Volumetric flow rate, Nm3/ Hr	:	66202.72

B Results

S.N.	Test Parameters	Units	Result	Standard Limit	Test Method
Discipline: Chemical, Group: Atmospheric Pollution					
1	Particulate Matter (PM)	mg/Nm3	39.86	50 Max	IS 11255 (Part-I) : 1985
2	Sulphur Dioxide (SO2)	mg/Nm3	6.84	-	HTH/AP/STP-01
3	Nitrogen Dioxide (NO2)	mg/Nm3	36.85	-	HTH/AP/STP-01
4	Carbon Dioxide (CO2)	% v/v	5.90	-	HTH/AP/STP-01

End of Report

Remarks : Standard Limit as per Client CTO.
PM, SO2 & NOx value Corrected @ 6 % O2 Refrence Whereas O2 Value is 9.50

HTH LABORATORIES PVT. Auth. Sign. 11/09/2026

Md. Asfak Ansari
Sr. Manager (Env.)

Review by 11/09/2026

Note 1. Test Report shall not be reproduce in whole or in part and cannot be used as an evidence in the court of Law. 2. The results contained in this test report pertains only to the sample tested not for the whole lot.
3. This report is only for your guidance and not for legal purposes, commercial decision and for advertisement. 4. Total liability of HTH Laboratories Pvt. Ltd. is limited to the invoiced amount only.
5. Samples will be destroyed after one month from the date of issue of test report unless otherwise specified. 6. Sample not drawn by HTH unless otherwise specified.
7. The details received from customer on its own responsibility. Lab does not confirm about it and hence does not taken any responsibility whatsoever.