



HTH Laboratories Pvt. Ltd.

(Formerly Known as Haryana Test House & Consultancy Services)

Plot No. 50-C, Sector-25 Part-II, HUDA, PANIPAT-132103 (HR.)

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

TEST REPORT



TC-7811



Issued To:

HARP Chemicals Pvt Ltd

Village - Jahangir, Teh. Dhuri, Distt. Sangrur (Pb)

Report No. : HTH/EP/260302038

ULR No. : TC781126100019120F

Party's Ref No. : Nil

Booking Date : 02/03/2026

Period of Testing : 02/03/2026 To 10/03/2026

Reporting Date : 10/03/2026

Sample Description

Type of Industry : Stack Emission (Boiler, 25 TPH)
 Name of Plant/ Section : Chemical unit
 Date of sampling : 28/02/2026
 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

- Stack gas temperature, °C : 80.0
- Temperature at Metering point, °C : 27.0
- Avg. stack gas velocity, m/sec : 7.85
- Sampling flow rate, Lt./min. : 29.0
- Period of sampling, Minutes : 30.0
- Volumetric flow rate, Nm³/ Hr : 74189.53

B Results

S.N.	Test Parameters	Units	Result	Standard Limit	Test Method
Discipline: Chemical, Group: Atmospheric Pollution					
1	Particulate Matter (PM)	mg/Nm ³	33.53	50 Max	IS 11255 (Part-I) : 1985
2	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.55	-	HTH/AP/STP-01
3	Nitrogen Dioxide (NO ₂)	mg/Nm ³	32.73	-	HTH/AP/STP-01
4	Carbon Dioxide (CO ₂)	% v/v	6.10	-	HTH/AP/STP-01

Remarks : Standard Limit as per client CTO.

Particulate Matter Corrected @6 % O₂ Whereas O₂ Value is 7.20

End of Report

10.03.2026
Review by

HTH LABORATORIES PVT. LTD.
Md. Aslak Anbas
Sr. Manager (Env.)

- 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. This report is only for your guidance and not for legal purposes, 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 taken any responsibility whatsoever.
 5. The results contained in this test report pertains only to the sample drawn from the whole lot.
 6. Total liability of HTH Laboratories Pvt. Ltd. is limited to the invoiced amount only.
 7. Sample not drawn by HTH unless otherwise specified.