

TEST REPORT

Issued to: Re Sustainability Limited

Opp. Vardhaman Chemtech Ltd., VIII;
Nimbua, P.O: Rampur. Tehsil Derabassi
District Mohali Punjab 140507

J.O. No.: ENV20250305-001-002
ULR Code: TC5503 25 3 00004175 F
Report Date: 18-03-2025
Sample Receipt Date: 05-03-2025
Account Manager: BD Team 1
Credit Manager: Gulab/Septesh

Customer Provided Information:#

Nature of the Sample
Make & Model No.
Rated Capacity
Type of Stack /Duct
Stack Height from Ground Level (m)
Diameter of the Stack (m)
Type of Fuel used & its Consumption
Operation Load During Monitoring

Laboratory Provided Information:

Date of Sampling
Time of sampling
Test Started On
Test Completed On
Purpose of Monitoring
Name of the Emission Source Monitoring
Sampling Method
Stack Identification
Sampling Duration (min)
Flue Gas Temperature °C
Ambient Air Temperature °C
Flue Gas Velocity (m/s)
Volumetric Flow Rate (m³/min)
Pollution Control Device if any

: Stack Emission

: NA
: 500 kg/h
: Metal
: 30
: 0.5
: Light/Diesel
: 500 kg/h

: 04-03-2025
: 02:54 PM to 09:30 PM
: 05-03-2025
: 18-03-2025
: To Check Pollution Load
: Incinerator Stack
: IS-11255 (P-7, P-3) & FL/SOP/ENV/D-02
: Stack attached to Incinerator
: 390
: 69.4
: 27
: 5.77
: 3546.10
: Bag Filter, Cyclone Separator & Alkaline Wet Scrubber



TC-5503

Analysis Report

S. No.	Parameters	Test Result	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Protocol
1	Total Dioxins & Furans (ng TEQ/Nm³ at 11 % O₂ Correction's dry basis)	0.055	0.1	FL/SOP/07-02

Values rounded to Max three Significant digits

TEQ -Value calculated by including the quantified congeners only

Reviewed By

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Authorised Signatory
Mr. Arun Kumar Chaturvedi, Scientist-C

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****End of Report****

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Analysis Report

S. No.	Parameters	Unit	Test Results	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Test Method
Chemical Analysis					
1	Cd + Th + their Compounds	mg/Nm ³	ND, [DL-0.0001]	0.05	USEPA Method 29
2	Carbon Monoxide (CO)	mg/Nm ³	95.09	100	IS13270:1992
3	Hg and its Compounds	mg/Nm ³	ND, [DL-0.0005]	0.05	USEPA Method 29
4	Hydrogen Chloride as HCL	mg/Nm ³	ND, [DL-0.5]	50	USEPA Method 26
5	Oxides of Nitrogen (as NO ₂)	mg/Nm ³	31.99	400	IS:11255 (P-7)
6	Particulate matter	mg/Nm ³	15.43	50	IS:11255 (P-1)
7	Sb and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
8	As and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
9	Pb and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
10	Co and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
11	Cr and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
12	Cu and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
13	Mn and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
14	Ni and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
15	V and their Compounds	mg/Nm ³	ND, [DL-0.1]	0.5	USEPA Method 29
16	Sulphur Dioxide (SO ₂)	mg/Nm ³	5.36	200	IS:11255 (P-2)

Note: All values are corrected to 11% oxygen on a dry basis.

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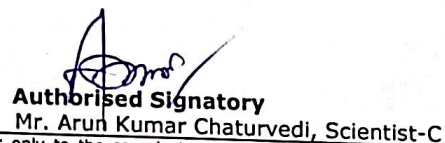
Analysis Report

S. No.	Parameters	Unit	Test Results	Specification as Per MOEF Notification Date 26 th June 2008 for Common Hazardous Waste (Incinerator)* (Limiting Concentration)	Test Method
Chemical Analysis					
9	Oxygen	% by Vol.	13.63	NA	FL/SOP/ENV-26
10	Total Organic Carbon	mg/Nm³	3.67	20	FL/SOP/02-47
11	Hydrogen Fluoride as HF	mg/Nm³	ND, [DL-0.5]	4	USEPA Method 26:1996
12	Carbon Dioxide	% by Vol.	5.44	NA	FL/SOP/02-25
13	Th and their Compounds	mg/Nm³	ND, [DL-0.00005]	0.05	USEPA Method 29

Note: All values are corrected to 11% oxygen on a dry basis.


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