



ITL LABS PVT. LTD.™

Govt. Approved Test House

B-283-284, Mangolpuri, Industrial Area, Phase-I, Delhi-110 083

Ph.:+91-11-44713445, 9810107619

E-mail : itllabs@gmail.com

TEST REPORT

Page 1 of 1

Sample Submitted By	HOSWIN INCINERATOR PRIVATE LIMITED 196A & 197B, SECTOR C, SANWER ROAD, INDL. AREA, INDORE	Report No. I202309060014
Ref.No	N.S	
Date of Receipt	06/09/2023	Date of Completion 10/09/2023
Sample	ASH FROM INCINERATOR	Date of Release 10/09/2023
Batch No. & Code No.	N.S	Sample Qty. 1 KG
Sample Pck.	POLYTHENE PACK	

S. No.	Parameters	Unit	Results
(i)	pH of 5% Solution	----	7.7
(ii)	Calcium as Ca	mg/kg	21.4
(iii)	Moisture Content	% by mass	3.5
(iv)	Oil & Grease	%	Nil
(v)	Ash Content	%	90
(vi)	Silica as SiO ₂	%	8.0
(vii)	Iron as Fe	%	6.0
(viii)	Organic Matter	%	1.5
(ix)	Sulphate as SO ₄	mg/kg	332
(x)	Magnesium as Mg	mg/kg	60

Remark : 1. The test report is issued subject to the terms & conditions mentioned overleaf.

End of Report

Checked By

Authorised Signatory

F/7.8/10





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Quality Standard	As per Environment Protection Act ' 1986
Issued to	M/S HOSWIN INCINERATOR PRIVATE LIMITED 196A & 197B, SECTOR C, SANWER ROAD, INDL. AREA, INDORE
Analysis No.	I202309050014
Sampling Date	05/09/2023
Source of Emission	Rotary Stack
Height from GL	30m
Diameter of Stack	30cm
Fuel Used	CNG
Capacity of Incinerator	500kg/hr
Fuel Consumption	15 Liters/hr
<u>Results</u>	
Primary Combustion Chamber	960°C
Secondary Combustion Chamber	1265°C
Stack Temperature	62°C
Average Velocity	11.92m/Sec.

S. No.	PARAMETER	OBSERVATION
a. Physical :-		
1	Particulate Matter	45.66mg/Nm ³
b. Chemical :-		
1	Nitrogen Oxides as NO₂	70.64mg/Nm ³
2	Hydrochloride (HCL)	*BDL
3	Carbon Monoxide as CO	0.070%
4	Carbon Dioxide as CO₂	7.33%
5	#At 12% CO ₂ Correction Combustion Efficiency	99.35%
Remarks: The test report is issued subject to the terms and conditions mentioned overleaf. *BDL = Below detection limit.		
 Checked By	10/09/2023 Date of Completion	 Authorized Signatory

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Sample Submitted By	HOSWIN INCINERATOR PRIVATE LIMITED 196A & 197B, SECTOR C, SANWER ROAD, INDL. AREA, INDORE	Report No. I202309060015
Ref.No	N.S	
Date of Booking	06/09/2023	
Sample	AMBIENT AIR	
Nature	AMBIENT AIR QUALITY MONITORING	Ambient Temp.: 30.0°C
Monitoring Location	NEAR MAIN GATE	Duration of Sampling 24 HOURS
Wind Direction	From West	Date of Monitoring 06/09/2023

TEST SPECIFICATION AS PER ENVIRONMENT PROTECTION ACT. 1986

S. No.	Parameters	Units	Results	Specification	Test Method
(i)	Particulate Matter, (size less than 10µm) or PM ₁₀	µg/m ³	86.5	Max. 100	IS:5182 (Part 23):2006
(ii)	Particulate matter, (size less than 2.5µm) or	µg/m ³	34.8	Max. 60	IS:5182 (Part 23):2006
(iii)	Sulphur-di-oxide, (SO ₂)	µg/m ³	18.2	Max. 80	IS:5182 (Part 2):2001
(iv)	Nitrogen Dioxide, (NO ₂)	µg/m ³	17.5	Max. 80	IS:5182 (Part 6):2006
(v)	Carbon monoxide, (CO)	mg/m ³	0.75	Max. 2	IS:5182 (Part 10):1999

Remark : 1. The number of parameters tested are 05 only. All the parameters are within specified limit.. The test report is issued subject to the Terms and Conditions mentioned overleaf

Checked By

10/09/2023
Date of Completion

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