

ISSUED TO:

## TEST REPORT

M/s. Sinter Machines,  
35, Peelamedu Industrial Estate, VK Road  
Peelamedu Coimbatore - 641 004.

Report Number	:	ABCTL/2312/0006/006			
Sample drawn by	:	ABC Techno Labs India Private Limited			
Sample description	:	Source Emission Monitoring - 6			
Date of sampling	:	30-11-2023	Date of Completed	:	09-12-2023
Date of Receipt	:	01-12-2023	Report date	:	15-12-2023
Date of Analysis	:	01-12-2023	Page No	:	1 of 1

ULR : TC577023000006613F

Sl.No.	Stack Details	SM 400E HMS - Machine				
		COMPOSITE MIX	MLP	HMLD	Eco Sand	Iron Powder
		40%-60%	30	10	30	30
1	Stack Height from ground level in meters	7.3				
2	Stack Diameter in meters	0.093				
3	Cross Sectional Area, m <sup>2</sup>	0.0068				
4	Velocity of Flue Gas in m/sec	5.4				
5	Gas Discharge in Nm <sup>3</sup> /hr	101				
6	Stack gas temperature in (K)	372				
7	Ambient gas temperature in (K)	303				
Sampling Method		IS 11255 Part 3 (Reaff.2018)				

S. No.	Stack Attached to	Pollutant Concentration -Results					
		Particulate Matter (mg/Nm <sup>3</sup> )	Sulphur Dioxide (mg/Nm <sup>3</sup> )	Oxides of Nitrogen (ppm)	Carbon monoxide (mg/Nm <sup>3</sup> )	Carbon dioxide (%)	Oxygen (%)
1	SM 400E HMS - Machine	37.8	9	144	347	5.9	12.6
CPCB Standard		150	--	--	--	--	--
Test Method		IS 11255 Part 1 (RA.2014)		BS EN 50379-1-2012.			

.....End of Report.....

S. Dharani  
Quality Manager



A. Robson Chinnadurai  
Technical Manager-Lab

Verified by

Authorised Signatory

### Terms and conditions :

• The test results relate only to the items tested. • The test report shall not be reproduced in full or part without the written approval of ABCTL. • The test items will not be retained for more than 15 days from the date of issue of test report for Non-Perishable samples and in the case of Perishable samples test items will be retained for 7 days after date of issue of report or as per regulatory/customer requirement. • The laboratory's responsibility under this report is limited to proven willful negligence and will in no case be more than the invoiced amount. • The test report is issued for the purpose of identifying the characteristic and not intended to use for any publicity / litigation purpose.



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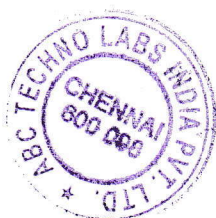
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Sampling Method		EPA 25A				

S. No.	Stack Attached to	Test Method	SM 400E HMS - Machine
	Pollutant		Pollutant Concentration -Results, mg/Nm <sup>3</sup>
1	Acetaldehyde	EPA 25A	BDL (DL:0.01)
2	Acetone		BDL (DL:0.01)
3	Acrolein		103
4	Butadiene		184
5	Formaldehyde		142
6	Styrene		536
7	Total VOC		1347
8	Hydrogen Chloride	US EPA Method 8	BDL (DL:0.01)
9	Hydrogen Cyanide	US EPA CTM 33	BDL (DL:0.01)

.....End of Report....

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