

ISSUED TO:

## TEST REPORT

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

Report Number	:	ABCTL/2312/0006/002			
Sample Drawn by	:	ABC Techno Labs India Private Limited			
Sample Description	:	Source Emission Monitoring - 2			
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

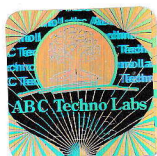
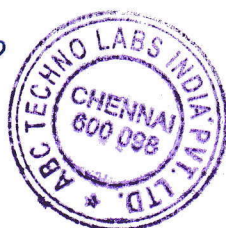
ULR : TC577023000006610F

Sl.No.	Stack Details	SM 400E HMS - Machine				
		COMPOSITE MIX	LDPE	A (PP)	HDPE	ECOSAND
		60%-40%	40	10	10	40
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	4.1				
5	Gas Discharge in Nm <sup>3</sup> /hr	77				
6	Stack gas temperature in (K)	370				
7	Ambient gas temperature in (K)	304				
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	25.1	4	119	280	5.2	13.0
	CPCB Standard	150	--	--	--	--	--
	Test Method	IS 11255 Part 1 (RA.2014)			BS EN 50379-1-2012.		

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

S-18/12/23  
S. Dharani  
Quality Manager



A. Robson Chinnadurai  
Technical Manager-Lab

Verified by

Authorised Signatory

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• 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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35,Peelamedu Industrial Estate, VK Road  
Peelamedu Coimbatore - 641 004.

Report Number	:	ABCTL/2312/0006/002			
Sample Drawn by	:	ABC Techno Labs India Private Limited			
Sample Description	:	Source Emission Monitoring -2			
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

Sl.No.	Stack Details	SM 400E HMS - Machine				
		COMPOSITE MIX 60%-40%	LDPE 40	A (PP) 10	HDPE 10	ECOSAND 40
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	4.1				
5	Gas Discharge in Nm <sup>3</sup> /hr	77				
6	Stack gas temperature in (K)	370				
7	Ambient gas temperature in (K)	304				
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		68
4	Butadiene		162
5	Formaldehyde		48
6	Styrene		276
7	Total VOC		579
8	Hydrogen Chloride	US EPA Method 8	BDL (DL:0.01)
9	Hydrogen Cyanide	US EPA CTM 33	BDL (DL:0.01)

S. 75/12/2

S. Dharani  
Quality Manager  
Verified by



.....End of Report...



J. D. R.

A. Robson Chinnadurai  
Technical Manager-Lab  
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