

ISSUED TO:

TEST REPORT

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


Report Number	:	ABCTL/2312/0006/004			
Sample drawn by	:	ABC Techno Labs India Private Limited			
Sample description	:	Source Emission Monitoring - 4			
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

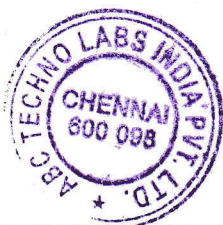
ULR : TC577023000006612F

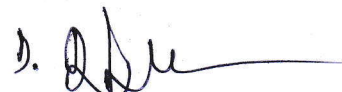
Sl.No.	Stack Details	SM 400E HMS - Machine			
		COMPOSITE MIX	RA (PP)	HDPE	CaCo3
		70%-30%	60	10	30
1	Stack Height from ground level in meters	7.3			
2	Stack Diameter in meters	0.093			
3	Cross Sectional Area, m ²	0.0068			
4	Velocity of Flue Gas in m/sec	4.8			
5	Gas Discharge in Nm ³ /hr	89			
6	Stack gas temperature in (K)	375			
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 ³)	Sulphur Dioxide (mg/Nm ³)	Oxides of Nitrogen (ppm)	Carbon monoxide (mg/Nm ³)	Carbon dioxide (%)	Oxygen (%)
1	SM 400E HMS - Machine	19.8	5	131	195	5.2	13.2
	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.

TEST REPORT

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

Report Number	:	ABCTL/2312/0006/004			
Sample drawn by	:	ABC Techno Labs India Private Limited			
Sample description	:	Source Emission Monitoring - 4			
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 70%-30%	RA (PP) 60	HDPE 10	CaCo3 30
1	Stack Height from ground level in meters	7.3			
2	Stack Diameter in meters	0.093			
3	Cross Sectional Area, m ²	0.0068			
4	Velocity of Flue Gas in m/sec	4.8			
5	Gas Discharge in Nm ³ /hr	89			
6	Stack gas temperature in (K)	375			
7	Ambient gas temperature in (K)	303			
Sampling Method		EPA 25A			

S. No.	Stack Attached to	Test Method	SM 400E HMS - Machine
	Pollutant		Pollutant Concentration - Results, mg/Nm ³
1	Acetaldehyde	EPA 25A	BDL (DL:0.01)
2	Acetone		BDL (DL:0.01)
3	Acrolein		42
4	Butadiene		163
5	Formaldehyde		57
6	Styrene		191
7	Total VOC		385
8	Hydrogen Chloride	US EPA Method 8	BDL (DL:0.01)
9	Hydrogen Cyanide	US EPA CTM 33	BDL (DL:0.01)

S. Dharani
S. Dharani
Quality Manager
Verified by



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



A. Robson Chinnadurai
A. Robson Chinnadurai
Technical Manager-Lab
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. The laboratory's responsibility for 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 characteristics and not intended to use for any publicity / litigation purpose.