ABC Techno Labs
Quality Uncompromised

ABC Techno Labs India Private Limited

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TC - 5770

(An ISO : 9001, ISO : 14001, ISO : 45001 & ISO : 22000 Certified Company)

Accredited by NABL, ISO/IEC 17025:2017, NABET / QCI, Approved by FSSAI Recognised by MoEF&CC, BIS, APEDA

ISSUED TO:

TEST REPORT

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

Report Number	:	ABCTL/2022/03/0435			
Sample drawn by	:	ABC Techno Labs India Private Limited			
Sample description	:	Source Emission Monitoring			
Date of sampling	:	11-03-2022	Date of Completed	:	17-03-2022
Date of Receipt	:	12-03-2022	Report date	:	17-03-2022
Date of Analysis	:	12-03-2022	Page No	:	1 of 2

Sl.No.	Stack Details	Heat & Melting System (SM 200UE HMS)
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	3.9
5	Gas Discharge in Nm^3/hr	73
6	Stack gas temperature in (K)	375
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^3)	Sulphur Dioxide (mg/Nm^3)	Oxides of Nitrogen (ppm)	Carbon monoxide (mg/Nm^3)	Carbon dioxide (%)	Oxygen (%)
1	Heat & Melting System (SM 200UE HMS)	27.1	4	77	183	5.8	12.5
	CPCB Standard	150	--	--	--	--	--
	Test Method	IS 11255 Part 1 (RA.2014)		BS EN 50379-1-2012.			

.....End of Report...

S. 17/3/22
S. Dharani
Quality Manager

Techno Labs India Private Limited CHENNAI 600 098

ABC

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 one day after date of issue of report. 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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Ministry of Environment & Forest Government of India

AIAO-BAR QMS ACCREDITED

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6	Stack gas temperature in (K)	375
7	Ambient gas temperature in (K)	304
	Sampling Method	**EPA 25A**

S. No.	Stack Attached to	Heat & Melting System (SM 200UE HMS)
	Pollutant	Pollutant Concentration –Results, mg/Nm^3
1	Acetaldehyde	BDL(DL:0.01)
2	Acetone	BDL(DL:0.01)
3	Acrolein	7
4	Butadiene	33
5	Formaldehyde	6
6	Hydrogen Chloride	BDL(DL:0.01)
7	Hydrogen Cyanide	BDL(DL:0.01)
8	Styrene	52
9	Total VOC	114
	Test Method	**EPA 25A**

BDL-Below Detection Limit, DL-Detection Limit.

.....End of Report...

S. 17/3/22
S. Dharani
Quality Manager

ABC Techno Labs India Private Limited CHENNAI 600 096

ABC

A. Robson Chinnadurai
Technical Manager-Lab

Verified by **Authorised Signatory**

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