



Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO/IEC 17025:2005 (NABL), ISO 9001:2015 and OHSAS 18001:2007 Certified Company

**TEST CERTIFICATE**

<b>Report No: GESEC/PRO/2020-21/01/858</b>	<b>Date of Report</b>	30/01/2021
<b>Client Name and Address:</b> Shreenath Mhaskoba Sakhar Karkhana LTD. Patethan, T- Daund, D- Pune, P- Rahu, Pune, Maharashtra.	<b>Date of Sampling</b>	22/01/2021
	<b>Start Date of Analysis</b>	23/01/2021
	<b>End Date of Analysis</b>	30/01/2021
	<b>Sample Location</b>	Boiler
	<b>Sample Details</b>	Stack
	<b>Time of Sampling</b>	11:20
<b>Sample Collected By</b>	Green EnviroSafe Engineers & Consultant Pvt. Ltd, Pune	

**Source Emission Analysis Report**

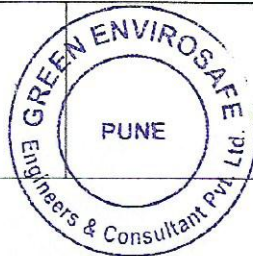
Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	RCC	--	
2.	Stack Height from Roof A.R	65.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Fuel Type	Bagasse	Min.	
5.	Flue Gas Temperature	460	°K	
6.	Differential Pressure	3.3	mmWG	
7.	Velocity	7.39	M/s	
8.	Dimensions of Stack	3.3	Mtr.	
9.	Stack Area	8.548	M <sup>2</sup>	
10.	Gas Volume	147509.2	NM <sup>3</sup> /Hr	
11.	Particulate Matter	65.4	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	44.1	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	15.61	Kg/day	N.S

**Remark:**

- All above results are well within MPCB Limit.

**ANALYZED BY-**

*Shere*



**AUTHORIZED SIGNATORY-**

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**Terms and conditions**

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.



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### TEST CERTIFICATE

Report No: GESEC/PRO/2020-21/03/1480	Date of Report	31/03/2021
Client Name and Address: Shreenath Mhaskoba Sakhar Karkhana LTD. Patethan, T- Daund, D- Pune, P- Rahu, Pune, Maharashtra.	Date of Sampling	22/03/2021
	Start Date of Analysis	23/03/2021
	End Date of Analysis	31/03/2021
	Sample Location	Boiler
	Sample Details	Stack
	Time of Sampling	11:20
Sample Collected By	Green EnviroSafe Engineers & Consultant Pvt. Ltd, Pune	

### Source Emission Analysis Report

Sr. No.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
1.	Material of Stack	RCC	--	
2.	Stack Height from Roof A.R	65.0	Mtr.	
3.	Type of Stack	Round	--	
4.	Fuel Type	Bagasse	Min.	
5.	Flue Gas Temperature	450	°K	
6.	Differential Pressure	3.4	mmWG	
7.	Velocity	7.42	M/s	
8.	Dimensions of Stack	3.3	Mtr.	
9.	Stack Area	8.548	M <sup>2</sup>	
10.	Gas Volume	151382.07	NM <sup>3</sup> /Hr	
11.	Particulate Matter	63.4	mg/NM <sup>3</sup>	≤ 150
12.	Sulphur Dioxide (SO <sub>2</sub> )	45.3	mg/NM <sup>3</sup>	--
13.	Sulphur Dioxide (SO <sub>2</sub> )	16.45	Kg/day	N.S

**Remark:**

➤ All above results are well within MPCB Limit.

ANALYZED BY-

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AUTHORIZED SIGNATORY-

*Shree*

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