

ECOMEN LABORATORIES PVT. LTD.

ecoMen

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An approved Laboratory from Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi (Valid Upto 02.01.19)

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TEST REPORT NO:ECO LAB/Stack/219/03/16
TEST REPORT ISSUE DATE: 29.03.2016

TEST REPORT OF FLUE GAS EMISSIONS (STACK MONITORING REPORT)

Name of the Customer : M/s DSCL Sugar Ajbapur
Address of the Customer : Village-Ajbapur, P.O.- Mullapur,
Distt.-Lakhimpur Kheri-261505
Instrument Used : Stack Monitoring Kit, ESS-100,
Sample collected by : Mr.Maan Singh & Mr. Pramod Kumar
(Ecomen Laboratories Pvt. Ltd.)
IS: 11255
Sampling Method :
Date of Monitoring : 15.03.2016
Source of Emission : Boiler Emission

Details of Stack

Material of Construction : RCC
Stack Attached to : IJT Boiler No.1, UP-6119
Capacity : 60
Stack Height:
ii) Above the Ground Level (m) : 65.0
Stack Top : Circular
Inside Diameter of Stack (m) : 2.70
(at sampling point)
Cross Sectional Area of Duct/Stack (m²) : 5.93
i) Above the Platform/ Roof (m) : 59.0
Ambient Air (°C) : 24.5
Stack Gas Temperature (°C) : 118.0
Exit Velocity of Gas (m/sec.) : 16.44
Flow Rate (Nm³/ sec.) : 72.42
Type of Fuel : Bagasse
Quantity of Fuel Consumption (T/hr.) : 28.50
Type of Firing : Automatic
Air Pollution Control Device : ESP

Sl. No.	Tests Conducted	Pollutant Concentration in (On the basis of 12%CO ₂)	Standards as per CPCB
1.	Particulate Matter (PM) (mg/Nm ³)	118.22	150.0
2.	Sulphur Dioxide (SO ₂) (mg/Nm ³)	14.56	-
3.	Nitrogen Oxides (NOx) (mg/Nm ³)	10.86	-


Sr. Analyst


Authorized Signatory
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