

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)

FORMAT NO. ECO/QS/FORMAT/12 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.Maansingh & Mr. Pramod Kumar
(Ecomen Laboratories Pvt. Ltd.)
Sampling Method : IS: 11255
Date of Monitoring : 15.03.2016
Source of Emission : Boiler Emission

Details of Stack

Material of Construction : RCC
Stack Attached to : Boiler Taxmaco UP-5523
Capacity : 75
Stack Height:
i) Above the Platform/ Roof (m) : 45.0
ii) Above the Ground Level (m) : 55.0
Stack Top : Circular
Inside Diameter of Stack (m) : 3.20
(at sampling point)
Cross Sectional Area of Duct/Stack (m²) : 8.03
Ambient Air (°C) : 25.0
Stack Gas Temperature (°C) : 121.0
Exit Velocity of Gas (m/sec.) : 14.88
Flow Rate (Nm³/ sec.) : 88.09
Type of Fuel : Bagasse
Quantity of Fuel Consumption (T/hr.) : 55.25
Type of Firing : Automatic
Air Pollution Control Device : Wet Scrubber

| 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) | 132.52 | 150.0 |
| 2. | Sulphur Dioxide (SO ₂) (mg/Nm ³) | 24.32 | - |
| 3. | Nitrogen Oxides (NOx) (mg/Nm ³) | 14.66 | - |

Sr. Analyst

Authorized Signatory
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