



ISO 9001, 14001 & OHSAS 18001
CERTIFIED COMPANY

LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment & Forests (MoEF), GOI, New Delhi

Gazette Notification No.: S.O.1295 (E), Validity upto June 2017.

TEST REPORT

REF.NO: LAWN/SCL-M/2016

Date: 26-12-2016

AMBIENT AIR QUALITY DATA – CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINES)**
Mattampally (Post & Mandal),
Nalgonda(Dist) - 508 204.

| Location | Near Conveyor Transfer Point - 1 | Near Conveyor Transfer Point - 2 | LIMIT | PROTOCOL |
|---|----------------------------------|----------------------------------|-------|-----------------------|
| 1. Date of sampling | 17-12-2016 | 17-12-2016 | -- | -- |
| 2. Total time of monitoring | 24 hr | 24 hr | -- | -- |
| 3. Average flow rate (cum/min) | 1.09 | 1.02 | -- | -- |
| 4. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀ | 75 | 68 | <100 | IS-5182 Part-4); 1999 |
| 5. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5} | 27 | 22 | <60 | USEPA |
| 6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | 07 | 10 | <80 | IS-5182 Part-2); 2001 |
| 7. Nitrogen dioxide(No ₂) Concentration ($\mu\text{g}/\text{m}^3$) | 20 | 15 | <80 | IS-5182 Part-6); 1975 |

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040506
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040507



AUTHORISED SIGNATORY