



ISO 9001, 14001 & 45001
CERTIFIED COMPANY

LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi
& Laboratory Accredited by NABL

TEST REPORT

REF.NO: LAWN/SCL-M/2019

Date: 05-10-2019

AMBIENT AIR QUALITY DATA – CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1)**
Mattampally (Post & Mandal),
Suryapet - (Dist).

| Location | | Near Conveyor Transfer Point - 1 | Near Conveyor Transfer Point - 2 | LIMIT | PROTOCOL |
|---|---|--|--|-------|-----------------------|
| 1. Date of sampling | : | 28-9-2019 | 28-9-2019 | -- | -- |
| 2. Total time of monitoring | : | 24 hr | 24 hr | -- | -- |
| 3. Average flow rate (cum/min) | : | 1.18 | 1.08 | -- | -- |
| 4. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀ | : | 62 | 69 | <100 | IS-5182 (Part-23) |
| 5. Particulate matter concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5} | : | 21 | 26 | <60 | NAAQMS/ 36/2012-13 |
| 6. Sulphur dioxide(SO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | : | 08 | 13 | <80 | IS-5182 (Part-2) |
| 7. Nitrogen dioxide(No ₂) Concentration ($\mu\text{g}/\text{m}^3$) | : | 16 | 22 | <80 | IS-5182 (Part-6) |

AUTHORISED SIGNATORY

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



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