



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/2020

Date: 26-9-2020

AMBIENT AIR QUALITY DATA – CORE ZONE

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

| Location | : | Near Haulage Road | Near Mines Office | LIMIT | PROTOCOL |
|---|---|-------------------|-------------------|-------|--------------------|
| 1. Date of sampling | : | 17-9-2020 | 17-9-2020 | -- | -- |
| 2. Total time of monitoring | : | 24 hr | 24 hr | -- | -- |
| 3. Average flow rate (cum/min) | : | 1.16 | 1.07 | -- | -- |
| 4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀ | : | 76 | 62 | <100 | IS-5182 (Part-23) |
| 5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5} | : | 30 | 21 | <60 | NAAQMS/ 36/2012-13 |
| 6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | : | 13 | 09 | <80 | IS-5182 (Part-2) |
| 7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | : | 26 | 20 | <80 | IS-5182 (Part-6) |
| 8. CO, Concentration (ppm) | : | <1 | <1 | <2 | IS-5182 (Part-10) |



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040139 CALIBRATED ON 03-01-2020, DUE ON 02-01-2021
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040140 CALIBRATED ON 03-01-2020, DUE ON 02-01-2021
1. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 1351-DTF-2013), CALIBRATED ON 03-06-2020, DUE ON 02-06-2021
2. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 1354-DTF-2013), CALIBRATED ON 03-06-2020, DUE ON 02-06-2021

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