



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: 26-12-2019

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINE-2)**
(Pedaveedu works)
(Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
Pedaveedu(V), Mattampally (M),
Suryapet - (Dist).

| Location | Haul road Cross in mines | Haul road exit of ML Boundary | LIMIT | PROTOCOL |
|---|-----------------------------|-------------------------------------|-------|-----------------------|
| 1. Date of sampling | 18-12-2019 | 18-12-2019 | -- | -- |
| 2. Total time of monitoring | 24 hr | 24 hr | -- | -- |
| 3. Average flow rate (cum/min) | 1.14 | 1.11 | -- | -- |
| 4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀ | 76 | 69 | <100 | IS-5182 (Part-23) |
| 5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5} | 30 | 26 | <60 | NAAQMS/ 36/2012-13 |
| 6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | 08 | 14 | <80 | IS-5182 (Part-2) |
| 7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | 20 | 17 | <80 | IS-5182 (Part-6) |



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040506 CALIBRATED ON 21-05-2019, DUE ON 20-05-2020
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040507 CALIBRATED ON 21-05-2019, DUE ON 20-05-2020
1. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 755-DTH-2011), CALIBRATED ON 04-06-2019, DUE ON 03-06-2020
2. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 912-DTH-2011), CALIBRATED ON 14-08-2019, DUE ON 13-08-2020

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