



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/2021

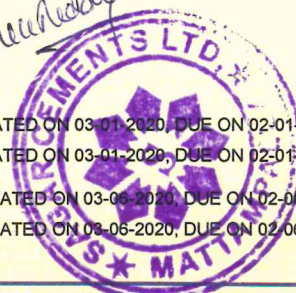
Date: 02-01-2021

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINES)**
(Pedaveedu works)
(Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
Pedaveedu (V), Mattampally (M),
Suryapet (Dist) - 508 204.

| Location | Near Haulage Road | Near Mines Office | LIMIT | PROTOCOL |
|---|-------------------|-------------------|-------|--|
| 1. Date of sampling | 24-12-2020 | 24-12-2020 | -- | -- |
| 2. Total time of monitoring | 24 hr | 24 hr | -- | -- |
| 3. Average flow rate (cum/min) | 1.11 | 1.07 | -- | -- |
| 4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀ | 76 | 65 | <100 | IS:5182 (Part-23); 2017 Gravimetric Method |
| 5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5} | 27 | 23 | <60 | IS:5182 (Part-24); 2019 Gravimetric Method |
| 6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | 09 | 06 | <80 | IS:5182 (Part-2); 2018 New West & Greake Method |
| 7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$) | 23 | 18 | <80 | IS:5182 (Part-6); 2017 JACOB & Hochheiser Method |
| 8. CO, Concentration (ppm) | <1 | <1 | <2 | IS:5182 (Part-10); 2019 CO Analyzer Method |

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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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