



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	Gundlapally Village	Pedaveedu Village	Ramachandra Village	LIMIT	PROTOCOL/METHOD
1. Date of sampling	: 23-12-2020	23-12-2020	23-12-2020	--	--
2. Total time of monitoring	: 24 hr	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	: 1.07	1.11	1.05	--	--
4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) --PM ₁₀	: 60	52	66	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) --PM _{2.5}	: 23	16	27	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	: 06	09	13	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	: 24	16	19	<80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
8. CO, Concentration (ppm)	: <1	<1	<1	<2	IS:5182 (Part-10); 2019 CO Analyzer Method

[Signature]
AUTHORISED SIGNATORY

- 1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040506 CALIBRATED ON 20-05-2020, DUE ON 19-05-2021
- 2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040507 CALIBRATED ON 20-05-2020, DUE ON 19-05-2021
- 3. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 050239 CALIBRATED ON 03-01-2020, DUE ON 02-01-2021
- 1. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 755-DTH-2011), CALIBRATED ON 19-06-2020, DUE ON 02-06-2021
- 2. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 912-DTH-2011), CALIBRATED ON 12-08-2020, DUE ON 12-08-2021
- 3. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 1333-DTE-2013), CALIBRATED ON 20-05-2020, DUE ON 19-05-2021