



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 (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/METHOD
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)	: 1.10	1.14	--	--
4. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	: 76	65	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	: 31	23	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 10	09	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	: 22	24	<80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method

*U. R. Reddy*  
  
*[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
1. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 755-DTH-2011), CALIBRATED ON 03-06-2020, DUE ON 02-06-2021
2. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 912-DTH-2011), CALIBRATED ON 13-08-2020, DUE ON 12-08-2021