



# 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

ISO 9001, 14001 & 45001  
CERTIFIED COMPANY

## TEST REPORT

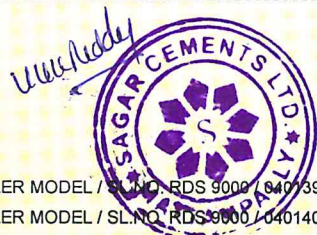
REF.NO: LAWN/SCL-M/2021

Date: 07-4-2021

### 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/METHOD
1. Date of sampling	:	26-3-2021	26-3-2021	--	---
2. Total time of monitoring	:	24 hr	24 hr	--	---
3. Average flow rate (cum/min)	:	1.09	1.04	--	---
4. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	:	78	67	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	:	30	25	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	:	12	08	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	:	27	19	<80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
8. CO, Concentration (ppm)	:	<1	<1	<2	IS:5182 (Part-10); 2019 CO Analyzer Method



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040139, CALIBRATED ON 02-01-2021, DUE ON 01-01-2022  
2. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040140, CALIBRATED ON 02-01-2021, DUE ON 01-01-2022

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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