



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

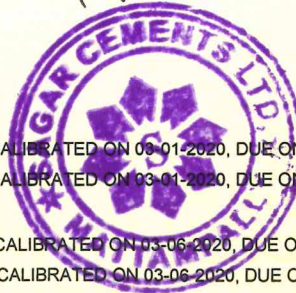
Date: 02-01-2021

### AMBIENT AIR QUALITY DATA - CORE ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1)**  
Mattampally (Post & Mandal),  
Suryapet - (Dist).

Location	:	Near Crusher	Near Dumping	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)	:	1.19	1.17	--	--
4. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	:	75	70	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	:	27	22	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	:	12	07	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	:	20	19	<80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method

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7/09/1/2021



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040132 CALIBRATED ON 03-01-2020, DUE ON 02-01-2021
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040139 CALIBRATED ON 03-01-2020, DUE ON 02-01-2021

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. 1351-DTF-2013), CALIBRATED ON 03-06-2020, DUE ON 02-06-2021

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