



# 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/2020

Date: 18-3-2020

### AMBIENT AIR QUALITY DATA - CORE ZONE

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

Location	Near Drilling	Near Loading	LIMIT	PROTOCOL
1. Date of sampling	07-3-2020	07-3-2020	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.13	1.17	--	--
4. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	72	81	<100	IS-5182 (Part-23)
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	31	36	<60	NAAQMS/ 36/2012-13
6. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	07	10	<80	IS-5182 (Part-2)
7. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	16	18	<80	IS-5182 (Part-6)
8. CO, Concentration (ppm)	<1	<1	<2	IS-5182 (Part-10)

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040506 CALIBRATED ON 21-05-2019, DUE ON 20-05-2020
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040507 CALIBRATED ON 21-05-2019, DUE ON 20-05-2020
1. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 755-DTH-2011) , CALIBRATED ON 04-06-2019, DUE ON 03-06-2020
2. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 912-DTH-2011) , CALIBRATED ON 14-08-2019, DUE ON 13-08-2020

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