



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/2018

Date: 26-12-2018

### AMBIENT AIR QUALITY DATA – BUFFER ZONE

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

Location	Mattampally Village	Pedaveedu Village	LIMIT	PROTOCOL
1. Date of sampling	16-12-2018	16-12-2018	--	--
2. Total time of monitoring	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	1.12	1.17	--	--
4. particulate matter concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	58	61	<100	IS-5182 (Part-23)
5. particulate matter concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	21	24	<60	NAAQMS/36/2012-13
6. Sulphur dioxide(SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	09	11	<80	IS-5182 (Part-2)
7. Nitrogen dioxide(NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	21	19	<80	IS-5182 (Part-6)
8. CO, Concentration (ppm)	<1	<1	<2	IS-5182 (Part-10)

*[Handwritten Signature]* 10/11/19



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040140  
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040139

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