



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: 07-4-2021

AMBIENT AIR QUALITY DATA – BUFFER ZONE

Name of the Industry & Address : **M/s. SAGAR CEMENTS (MINES)**
Mattampally (Post & Mandal),
Suryapet (Dist) - 508 204.

Location	Mattampally Village	Pedaveedu Village	LIMIT	PROTOCOL/METHOD
1. Date of sampling	24-3-2021	24-3-2021	--	---
2. Total time of monitoring	24 hr	24 hr	--	---
3. Average flow rate (cum/min)	1.06	1.09	--	---
4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	67	58	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	24	20	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	12	08	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	23	17	<80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
8. CO, Concentration (ppm)	<1	<1	<2	IS:5182 (Part-10); 2019 CO Analyzer Method



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AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040140, CALIBRATED ON 02-01-2021, DUE ON 01-01-2022
2. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040139, CALIBRATED ON 02-01-2021, DUE ON 01-01-2022
1. FINE PARTICULATE SAMPLER / APM 550 (SL.NO. 1354-DTF-2013), 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