



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 – 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	08-3-2020	08-3-2020	--	--
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 ₁₀	58	69	<100	IS-5182 (Part-23)
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	22	26	<60	NAAQMS/ 36/2012-13
6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	09	12	<80	IS-5182 (Part-2)
7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	27	20	<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 / 040140 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. 1354-DTF-2013), CALIBRATED ON 04-06-2019, DUE ON 03-06-2020
2. FINE PARTICULATE SAMPLER /APM 550 (SL.NO. 1351-DTF-2013), CALIBRATED ON 04-06-2019, DUE ON 03-06-2020

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