



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

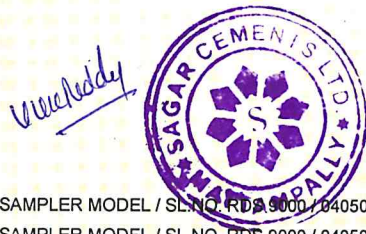
REF.NO: LAWN/SCL-M/2021

Date: 07-4-2021

AMBIENT AIR QUALITY DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINE-2)**
(Pedaveedu works)
(Formerly known as M/s. AMARESWARI CEMENTS LIMITED)
Pedaveedu (V), Mattampally (M),
Suryapet - (Dist).

Location	Haul road Cross in mines	Haul road exit of ML Boundary	LIMIT	PROTOCOL/METHOD
1. Date of sampling	: 27-3-2021	27-3-2021	--	---
2. Total time of monitoring	: 24 hr	24 hr	--	---
3. Average flow rate (cum/min)	: 1.07	1.11	--	---
4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	: 80	73	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	: 33	26	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	: 07	12	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	: 25	18	<80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method



AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040506, CALIBRATED ON 20-05-2020, DUE ON 19-05-2021

2. RESPIRABLE DUST SAMPLER MODEL / SL.NO. RDS 9000 / 040507, CALIBRATED ON 20-05-2020, DUE ON 19-05-2021

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. 912-DTH-2011), CALIBRATED ON 13-08-2020, DUE ON 12-08-2021

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