



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/2021

Date: 02-01-2021

AMBIENT AIR QUALITY DATA - CORE ZONE

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

Location		Near Drilling	Near Loading	LIMIT	PROTOCOL/METHOD
1. Date of sampling	:	22-12-2020	22-12-2020	--	--
2. Total time of monitoring	:	24 hr	24 hr	--	--
3. Average flow rate (cum/min)	:	1.09	1.14	--	--
4. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	:	74	80	<100	IS:5182 (Part-23); 2017 Gravimetric Method
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	:	29	32	<60	IS:5182 (Part-24); 2019 Gravimetric Method
6. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	10	13	<80	IS:5182 (Part-2); 2018 New West & Greake Method
7. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	24	27	<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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7/09/2021

AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040506 CALIBRATED ON 20-03-2020, DUE ON 19-05-2021
2. RESPIRABLE DUST SAMPLER MODEL /SL.NO. RDS 9000 / 040507 CALIBRATED ON 20-03-2020, 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



Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 66730926, Fax : 040-66730926

Branch Office : H.No.18/2, Ground Floor, Phase-1, Vuda Nagar, Rajiv Nagar Road, Kurmannapalem, Visakhapatnam - 530046. (A.P) Tel : +91-9030029925

E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com