



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/2024

Report Date: 01-7-2024

### 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	Mines Office (ML-2)	LIMIT	PROTOCOL/METHOD
1. Date of sampling	22-6-2024	--	---
2. Date of Analysis	24-6-2024	--	---
3. Total time of monitoring	24 hr	--	---
4. Average flow rate (cum/min)	1.13	--	---
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	67	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	24	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	10	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	22	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m <sup>3</sup> )	0.012	2	IS:5182 (Part-10); 2019 CO Analyzer Method

*Murthy*

*[Signature]*  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2161-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024



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

Branch Office : D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046. Tel : 9701505182

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





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/2024

Report Date: 01-7-2024

### 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	Near ML Area West Side Boundary	LIMIT	PROTOCOL/METHOD
1. Date of sampling	22-6-2024	--	---
2. Date of Analysis	24-6-2024	--	---
3. Total time of monitoring	24 hr	--	---
4. Average flow rate (cum/min)	1.07	--	---
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	71	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	28	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	07	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	16	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration ( $\text{mg}/\text{m}^3$ )	0.030	2	IS:5182 (Part-10); 2019 CO Analyzer Method

*Ukr Reddy*

*[Signature]*  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2461-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-F-731), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024

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

Branch Office : D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046.Tel : 9701505182

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





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/2024

Report Date: 01-7-2024

### FUGITIVE EMISSION 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).

#### PROTOCOL : IS-5182 (Part-4)

S.No.	Location	Date of Sampling	Date of Analysis	SPM ( $\mu\text{g}/\text{m}^3$ )	LIMITS
1	Near Drilling Area	19-6-2024	24-6-2024	1,180	2000 $\text{mg}/\text{m}^3$
2	Near Loading Area	19-6-2024	24-6-2024	1,310	
3	Near Haulage Road cross in Mines	19-6-2024	24-6-2024	976	
4	Near Haulage Road exit in Mine	20-6-2024	24-6-2024	1,075	
5	Pit - 2 Ramp	20-6-2024	24-6-2024	1,238	

*Handwritten signature*

*Handwritten signature*  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2161-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
2. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2461-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024
3. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2463-DTA-2019), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024



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

Branch Office : D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046. Tel : 9701505182

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