



# LAWN ENVIRO PRIVATE LIMITED

[Environmental Engineers & Consultants in Pollution Control]

Recognised by MOEF&CC/CPCB under EP Act, GOI, New Delhi & Laboratory Accredited by NABL



ISO 9001, 14001 & 45001  
Certified Company

## TEST REPORT

REF.NO: LAWN/SCL-M/001/2025

Report Date: 30-12-2025

### 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 Mines Office - ML-2	LIMIT	PROTOCOL/METHOD
1. Date of sampling	:	20-12-2025	---	---
2. Date of Analysis	:	22-12-2025	---	---
3. Total time of monitoring	:	24 hr	---	---
4. Average flow rate (cum/min)	:	1.15	---	---
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	:	63	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	:	22	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	:	09	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO <sub>2</sub> ) Concentration ( $\mu\text{g}/\text{m}^3$ )	:	19	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration ( $\text{mg}/\text{m}^3$ ) :	:	0.014	2	IS:5182 (Part-10); 2019 CO Analyzer Method

  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2161-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

**Corporate Office** : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad-500038. (T.S.) INDIA. Phone: 66730925, 66730926, Fax: 040-66730926

**Branch Office** : H.NO: 31-43-4/1, LIG-57, 2nd Floor, Vuda Phase-2, Dwarakapuri Colony, Kurmannapalem, Visakhapatnam-530046. A.P., Mobile : 9701505182.

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## TEST REPORT

REF.NO: LAWN/SCL-M/002/2025

Report Date: 30-12-2025

### 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	:	20-12-2025	---	---
2. Date of Analysis	:	22-12-2025	---	---
3. Total time of monitoring	:	24 hr	---	---
4. Average flow rate (cum/min)	:	1.05	---	---
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	:	55	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	:	18	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 ( $\text{mg}/\text{m}^3$ ) :		0.011	2	IS:5182 (Part-10); 2019 CO Analyzer Method

  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APS 113 BL; (SL. NO. 105-C-2017), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-F-731), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

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## TEST REPORT

REF.NO: LAWN/SCL-M/012/2025

Report Date: 30-12-2025

### FUGITIVE EMISSION DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED (MINE-2)**  
(Pedaveedu works)  
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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	21-12-2025	22-12-2025	940	2000 $\text{mg}/\text{m}^3$
2	Loading Area	21-12-2025	22-12-2025	1,044	
3	Haulage Road cross in Mines	21-12-2025	22-12-2025	836	
4	Near Haulage Road exit in Mine	21-12-2025	22-12-2025	974	
5	Pit – 2 Ramp	21-12-2025	22-12-2025	1,240	

  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2161-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
2. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2461-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
3. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2463-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026

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