



# 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-1)**  
Mattampally (Post & Mandal),  
Suryapet - (Dist).

Location	:	Near Mines Office	LIMIT	PROTOCOL/METHOD
1. Date of sampling	:	19-12-2025	---	---
2. Date of Analysis	:	22-12-2025	---	---
3. Total time of monitoring	:	<b>24 hr</b>	---	---
4. Average flow rate (cum/min)	:	1.06	---	---
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	:	56	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	:	19	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 ( $\mu\text{g}/\text{m}^3$ )	:	15	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration ( $\text{mg}/\text{m}^3$ ) :	:	0.009	2	IS:5182 (Part-10); 2019 CO Analyzer Method

  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2463-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026
1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL.NO. 912-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026



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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-1)**  
Mattampally (Post & Mandal),  
Suryapet - (Dist).

Location	:	Near Crusher Area	LIMIT	PROTOCOL/METHOD
1. Date of sampling	:	19-12-2025	---	---
2. Date of Analysis	:	22-12-2025	---	---
3. Total time of monitoring	:	<b>24 hr</b>	---	---
4. Average flow rate (cum/min)	:	1.13	---	---
5. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>10</sub>	:	61	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ( $\mu\text{g}/\text{m}^3$ ) -PM <sub>2.5</sub>	:	23	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 ( $\mu\text{g}/\text{m}^3$ )	:	20	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m <sup>3</sup> )	:	0.018	2	IS:5182 (Part-10); 2019 CO Analyzer Method

  
AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2465-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026  
1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL.NO. 931-DTH-2011), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026



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## TEST REPORT

REF.NO: LAWN/SCL-M/015/2025

Report Date: 30-12-2025

### FUGITIVE EMISSION DATA

Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED, (MINE-1)**  
Mattampally (Post & Mandal),  
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 Unloading	22-12-2025	22-12-2025	1,215	2000 ( $\mu\text{g}/\text{m}^3$ )
2	Near Haulage Road	22-12-2025	22-12-2025	976	
3	Near Secondary Crusher	22-12-2025	22-12-2025	1,310	
4	Conveyor Transfer Point - 1	22-12-2025	22-12-2025	1,247	
5	Conveyor Transfer Point - 2	18-12-2025	22-12-2025	1,175	
6	Near Drilling Area	18-12-2025	22-12-2025	1,368	
7	Near Haulage Road-2 (Near HSD Bunk)	18-12-2025	22-12-2025	1,015	

  
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
4. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2465-DTA-2019), CALIBRATED ON 06-01-2025, DUE ON 05-01-2026