



ISO 9001, 14001 & 45001
CERTIFIED COMPANY

LAWN ENVIRO PRIVATE LIMITED

(Formerly M/s. Lawn Enviro Associates)

[Environmental Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change, GOI, New Delhi and Laboratory Accredited by NABL

TEST REPORT

REF.NO: LAWN/SCL-M/2024

Report Date: 30-9-2024

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	:	22-9-2024	--	---
2. Date of Analysis	:	23-9-2024	--	---
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 ₁₀	:	60	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	:	23	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	09	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	19	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m^3) :		0.010	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 30-12-2023, DUE ON 29-12-2024
1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL.NO. 912-DTH-2011), CALIBRATED ON 30-12-2023, DUE ON 29-12-2024



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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	:	20-9-2024	--	---
2. Date of Analysis	:	23-9-2024	--	---
3. Total time of monitoring	:	24 hr	--	---
4. Average flow rate (cum/min)	:	1.10	--	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	:	64	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	:	25	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	11	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	22	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m^3) :		0.020	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 30-12-2023, DUE ON 29-12-2024

1. FINE PARTICULATE SAMPLER MODEL / APM 550; (SL.NO. 931-DTH-2011), 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

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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	18-9-2024	23-9-2024	1,450	2000 ($\mu\text{g}/\text{m}^3$)
2	Near Haulage Road	18-9-2024	23-9-2024	1,084	
3	Near Secondary Crusher	18-9-2024	23-9-2024	1,213	
4	Conveyor Transport Point - 1	17-9-2024	17-9-2024	1,354	
5	Conveyor Transport Point - 1	17-9-2024	17-9-2024	1,408	
6	Near Drilling Area	17-9-2024	17-9-2024	1,246	
7	Near Haulage Road-2 (Near HSD Bank)	19-9-2024	19-9-2024	975	


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

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