



SAGAR CEMENTS LIMITED

SCL/MTPL/ENV/2025-26/106

Date: 13.02.2026

To
The Environmental Engineer,
TGPCB, 8-15, I Floor,
Sri Laxmi Complex,
Sri Vinayaka Nagar, Hyderabad Road,
NALGONDA-508 001.

Dear Sir,

Sub: Submission of Environmental monitoring report - Reg.
Ref: TSPCB/220823352392/RO-NLG/HO/CFO /2023-957, dated:
09.10.2023

We are herewith submitting the AAQ monitoring report, Stack emission monitoring report, Noise report, fugitive emission report, STP, WHRB and CPP water analysis reports tested by NABL approved third party laboratory for the month of **January - 2026** are enclosed.

Please acknowledge receipt of the same.

Thank you

Yours Sincerely,
For SAGAR CEMENTS LIMITED,

M V R. Murthy

M.V.Ramana Murthy
Sr. Vice President (Works)

Enclosure: Environmental Monitoring report



Registered Office : Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033, Telangana State, India.

Phone : +91-40-23351571, 23351572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

CIN : L26942TG1981PLC002887 GSTIN : 36AACCS8680H2ZY

Factories : Mattampally Village & Mandal, Suryapet District, Telangana State - 508204. Phone : 08683 - 247039 GSTIN : 36AACCS8680H1ZZ
Bayyavaram Village, Kasimkota Mandal, Anakapally District, Andhra Pradesh State - 531031. Phone : 08924-244550 Fax : 08924-244570 GSTIN : 37AACCS8680H1ZX
Gudipadu Village, Yadiki Mandal, Ananthapur District, Andhra Pradesh State - 515408. Phone: 08558-200272 GSTIN : 37AACCS8680H1ZX
Kalinganagar, Industrial Complex, Tahsil-Dangadi, Dist - Jajpur, Odisha. Phone : 08340882288 GSTIN : 21AACCS8680H1ZA



LAWN ENVIRO PRIVATE LIMITED

[Environmental Engineers & Consultants in Pollution Control]

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TEST REPORT

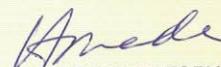
REF.NO: LAWN/SCL-P/001/2026

Report Date: 03-02-2026

AMBIENT AIR QUALITY DATA

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

Location	:	Mattampally Village	Pedaveedu Village	LIMIT	PROTOCOL/METHOD
1. Date of sampling	:	27-01-2026	27-01-2026	---	---
2. Date of Analysis	:	29-01-2026	29-01-2026	---	---
3. Total time of monitoring	:	24 hr	24 hr	---	---
4. Average flow rate (cum/min)	:	1.08	1.14	---	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	:	58.24	56.17	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	:	24.60	22.95	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	10.20	8.70	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	:	22.40	18.40	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m ³):	:	0.015	0.012	2	IS:5182 (Part-10); 2019 CO Analyzer Method


AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2461-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
2. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2463-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-F-731), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
2. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027

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.

Email: lawnenviro@yahoo.co.in, info@lawnenviro.in, URL : www.lawnenviro.in



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TEST REPORT

REF.NO: LAWN/SCL-P/002/2026

Report Date: 03-02-2026

AMBIENT AIR QUALITY DATA

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

Location	: Gullapally Village	Ramachandrapuram Village	LIMIT	PROTOCOL/METHOD
1. Date of sampling	: 27-01-2026	27-01-2026	---	---
2. Date of Analysis	: 29-01-2026	29-01-2026	---	---
3. Total time of monitoring	: 24 hr	24 hr	---	---
4. Average flow rate (cum/min)	: 1.13	1.05	---	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	: 48.26	51.75	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	: 16.70	21.30	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	: 9.50	6.40	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	: 19.10	15.70	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m ³):	0.018	0.010	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 05-01-2026, DUE ON 04-01-2027
2. RESPIRABLE DUST SAMPLER MODEL / APS 113 BL; (SL. NO. 105-C-2017), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-J-750), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
2. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 16-I-623), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027

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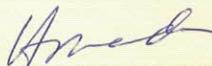
REF.NO: LAWN/SCL-P/003/2026

Report Date: 03-02-2026

AMBIENT AIR QUALITY DATA

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

Location	Plant	LIMIT	PROTOCOL/METHOD
	Main gate		
1. Date of sampling	27-01-2026	---	---
2. Date of Analysis	29-01-2026	---	---
3. Total time of monitoring	24 hr	---	---
4. Average flow rate (cum/min)	1.08	---	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	68.15	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	29.64	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	12.30	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	24.70	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m^3)	0.036	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 05-01-2026, DUE ON 04-01-2027

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; AAQM 510;(S.NO. 220828), CALIBRATED ON 28-08-2025,DUE ON 27-08-2026

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TEST REPORT

REF.NO: LAWN/SCL-P/004/2026

Report Date: 03-02-2026

FUGITIVE EMISSION DATA

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

PROTOCOL : IS-5182 (Part-4)

S.No.	Location	Date of Sampling	Date of Analysis	SPM ($\mu\text{g}/\text{m}^3$)	LIMIT
1	Cement Mill	28-01-2026	29-01-2026	965	2000 ($\mu\text{g}/\text{m}^3$)
2	VRM	28-01-2026	29-01-2026	1,047	
3	Packing Plant	28-01-2026	29-01-2026	1,132	
4	Crusher	28-01-2026	29-01-2026	1,087	
5	Lime Stone Stacker Reclaimer	28-01-2026	29-01-2026	971	
6	Coal Mill	26-01-2026	29-01-2026	1,175	
7	Raw Mill Area	26-01-2026	29-01-2026	1,015	
8	Truck Parking Area	26-01-2026	29-01-2026	816	
9	Coal Mill - 2	26-01-2026	29-01-2026	1,098	
10	Iron Ore Yard	26-01-2026	29-01-2026	887	


AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APS 113 BL; (SL. NO.105-C-2017), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
2. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2161-DTH-2011), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
3. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2465-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
4. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2463-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
5. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2461-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027



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TEST REPORT

REF.NO: LAWN/SCL-P/005/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the RABH (Kiln – 2 VRM)
Date of Sampling : 28-01-2026
Date of Analysis : 29-01-2026

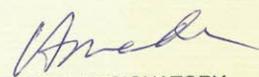
PROTOCOL

1. Stack diameter (m)	: 5.0	--
2. Stack cross sectional area (sq m)	: 19.63	--
3. Ambient temperature (°C)	: 31	--
4. Flue gas temperature (°C)	: 128	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 10.76	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 7,60,388	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 5,55,844	IS-11255 (Part-3); 2018

EMISSION DATA

LIMITS

8. Particulate matter Concentration (mg/N m ³)	: 14.10	30	IS-11255 (Part-1); 2019
9. Sulphur dioxide Concentration (mg/N m ³)	: 2.40	100	IS-11255 (Part-2); 2019
10. Nitrogen dioxide (No ₂) Concentration (mg/N m ³)	: 314	800	IS-11255 (Part-7); 2017


AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027

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

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TEST REPORT

REF.NO: LAWN/SCL-P/006/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Limestone Crusher
Date of Sampling : 27-01-2026
Date of Analysis : 29-01-2026

PROTOCOL

1. Stack diameter (m)	: 1.40	--
2. Stack cross sectional area (sq m)	: 1.54	--
3. Ambient temperature (°C)	: 30	--
4. Flue gas temperature (°C)	: 42	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 9.65	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 53,500	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 49,862	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 21.40	30	IS-11255 (Part-1); 2019
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AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027



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TEST REPORT

REF.NO: LAWN/SCL-P/007/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Coal Mill - 2
Date of Sampling : 28-01-2026
Date of Analysis : 29-01-2026

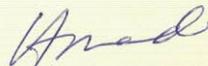
PROTOCOL

1. Stack diameter (m)	:	1.20	--
2. Stack cross sectional area (sq m)	:	1.13	--
3. Ambient temperature (°C)	:	30	--
4. Flue gas temperature (°C)	:	76	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	:	10.94	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	:	44,504	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	:	37,339	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	:	20.80	30	IS-11255 (Part-1); 2019
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AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027

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TEST REPORT

REF.NO: LAWN/SCL-P/008/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Coal Mill - 3
Date of Sampling : 28-01-2026
Date of Analysis : 29-01-2026

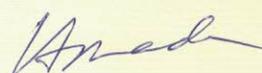
PROTOCOL

1. Stack diameter (m)	: 1.50	--
2. Stack cross sectional area (sq m)	: 1.76	--
3. Ambient temperature (°C)	: 30	--
4. Flue gas temperature (°C)	: 68	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 10.32	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 65,388	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 56,133	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 15.40	30	IS-11255 (Part-1); 2019
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AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020. Calibrated On 05-01-2026, Due On 04-01-2027



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REF.NO: LAWN/SCL-P/009/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Klin-2 Cooler ESP
Date of Sampling : 28-01-2026
Date of Analysis : 29-01-2026

PROTOCOL

1. Stack diameter (m)	: 3.80	--
2. Stack cross sectional area (sq m)	: 11.34	--
3. Ambient temperature (°C)	: 31	--
4. Flue gas temperature (°C)	: 130	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 8.02	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 3,27,408	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 2,38,353	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 18.40	30	IS-11255 (Part-1); 2019
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AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027



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TEST REPORT

REF.NO: LAWN/SCL-P/010/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Cement Mill-2
Date of Sampling : 27-01-2026
Date of Analysis : 29-01-2026

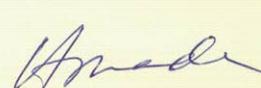
PROTOCOL

1. Stack diameter (m)	: 0.90	--
2. Stack cross sectional area (sq m)	: 0.636	--
3. Ambient temperature (°C)	: 31	--
4. Flue gas temperature (°C)	: 79	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 8.09	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 18,523	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 15,465	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 13.70	30	IS-11255 (Part-1); 2019
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Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Cement Mill - 3
Date of Sampling : 28-01-2026
Date of Analysis : 29-01-2026

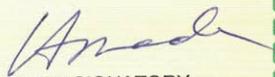
PROTOCOL

1. Stack diameter (m)	:	1.40	--
2. Stack cross sectional area (sq m)	:	1.54	--
3. Ambient temperature (°C)	:	31	--
4. Flue gas temperature (°C)	:	86	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	:	9.76	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	:	54,109	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	:	44,118	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	:	11.70	30	IS-11255 (Part-1); 2019
------------------------------------------------------------	---	-------	----	----------------------------


AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027



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TEST REPORT

REF.NO: LAWN/SCL-P/012/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Cement Mill-4
Date of Sampling : 27-01-2026
Date of Analysis : 29-01-2026

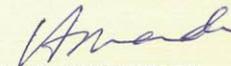
PROTOCOL

1. Stack diameter (m)	: 1.40	--
2. Stack cross sectional area (sq m)	: 1.54	--
3. Ambient temperature (°C)	: 30	--
4. Flue gas temperature (°C)	: 84	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 7.86	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 43,576	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 35,732	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 11.90	30	IS-11255 (Part-1); 2019
------------------------------------------------------------	---------	----	----------------------------


AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027

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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-P/013/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Packing Plant - 2
Date of Sampling : 27-01-2026
Date of Analysis : 29-01-2026

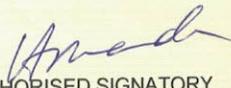
PROTOCOL

1. Stack diameter (m)	: 1.275	--
2. Stack cross sectional area (sq m)	: 1.277	--
3. Ambient temperature (°C)	: 32	--
4. Flue gas temperature (°C)	: 45	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 11.03	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 50,707	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 46,910	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 19.60	30	IS-11255 (Part-1); 2019
------------------------------------------------------------	---------	----	----------------------------


AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027

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TEST REPORT

REF.NO: LAWN/SCL-P/014/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particulars : Stack attached to the Packing Plant - 3
Date of Sampling : 27-01-2026
Date of Analysis : 29-01-2026

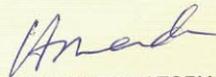
PROTOCOL

1. Stack diameter (m)	: 1.275	--
2. Stack cross sectional area (sq m)	: 1.277	--
3. Ambient temperature (°C)	: 32	--
4. Flue gas temperature (°C)	: 43	IS-11255 (Part-3); 2018
5. Exit velocity of flue gases (m/sec)	: 10.11	IS-11255 (Part-3); 2018
6. Flow rate (m ³ /hr)	: 46,478	IS-11255 (Part-3); 2018
7. Flow rate (N m ³ /hr)	: 42,996	IS-11255 (Part-3); 2018

EMISSION DATA

LIMIT

8. Particulate matter Concentration (mg/N m ³)	: 22.40	30	IS-11255 (Part-1); 2019
------------------------------------------------------------	---------	----	----------------------------


AUTHORISED SIGNATORY

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, Calibrated On 05-01-2026, Due On 04-01-2027

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

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TEST REPORT

REF.NO: LAWN/SCL-P/015/2026

Report Date: 03-02-2026

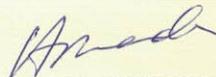
WASTE WATER ANALYSIS

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

Date of Collection : 29-01-2026
Date of Analysis : 30-01-2026
PROTOCOL : IS - 3025

	S.T.P. Inlet	S.T.P. Outlet	S.T.P Outlet LIMIT
1. Colour (Hazen)	: 3.0	<1.0	--
2. Odour	: Objectionable	UnObjectionable	--
3. pH	: 7.43	7.81	6.5 - 8.5
4. Total Dissolved Solids	: 1,681	1,543	2,100
5. Total Suspended Solids	: 82	16	100
6. Chemical oxygen demand	: 191	44	250
7. Biochemical oxygen demand (3 days at 27 °C)	: 70	07	100
8. Oil & Grease	: 2.40	<1.0	10

Note: All the values except pH are expressed in mg/L.


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TEST REPORT

REF.NO: LAWN/SCL-P/016/2026

Report Date: 03-02-2026

WATER ANALYSIS

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

Sample Particular : Drinking Water (R.O Plant)
Date of Collection : 29-01-2026
Date of Analysis : 30-01-2026
PROTOCOL : A.P.H.A 24th Edition

As per IS:10500 - 2012

			Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. Colour (Hazen)	:	<1.0	5 max	15 max
2. Turbidity (NTU)	:	<1.0	01 max	05 max
3. pH	:	7.80	6.50 - 8.50	No relaxation
4. Total hardness	as CaCO ₃	: 130	200 max	600 max
5. Calcium	as Ca	: 29.74	75 max	200 max
6. Magnesium	as Mg	: 13.40	30 max	100 max
7. Copper	as Cu	: <0.01	0.05 max	1.5 max
8. Iron	as Fe	: <0.10	0.3 max	No relaxation
9. Manganese	as Mn	: <0.01	0.1 max	0.3 max
10. Chloride	as Cl	: 76.10	250 max	1000 max
11. Sulphate	as SO ₄	: 21.90	200 max	400 max
12. Nitrates	as NO ₃	: 5.60	45 max	No relaxation
13. Fluorides	as F	: <0.20	1.0 max	1.5 max
14. Phenol Compunds	as C ₆ H ₅ OH	: <0.001	0.001 max	0.002 max
15. Mercury	as Hg	: <0.001	0.001 max	No relaxation
16. Cadmium	as Cd	: <0.003	0.003 max	No relaxation
17. Selenium	as Se	: <0.01	0.01 max	No relaxation
18. Arsenic	as As	: <0.01	0.01 max	0.05 max

Contd....

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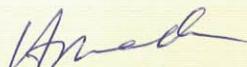
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:2:

				As per IS:10500 - 2012	
				Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
19. Cyanide	as CN	:	<0.01	0.05 max	No relaxation
20. Lead	as Pb	:	<0.01	0.01 max	No relaxation
21. Zinc	as Zn	:	<0.01	5.0 max	15 max
22. Anionic Detergents	as MBAS	:	Absent	0.2 max	1.0 max
23. Chromium	as Cr	:	<0.01	0.05 max	No relaxation
24. Polynuclear aromatic Hydrocarbons as PAH:			Absent	0.0001	NS
25. Mineral Oil		:	<0.10	0.5 max	No relaxation
26. Residual Chlorine		:	<0.20	0.2 min	01 min
27. Pesticides		:	Absent	Absent	No relaxation
28. Radio active		:	<0.001	0.1 max	No relaxation
29. Odour		:	Agreeable	Agreeable	Agreeable
30. Taste		:	Agreeable	Agreeable	Agreeable
31. Dissolved Solids		:	270	500 max	2000 max
32. Total alkalinity	as CaCO ₃	:	172	200 max	600 max
33. Aluminium	as Al	:	<0.01	0.3 max	0.2 max
34. Boron	as B	:	<0.10	0.5 max	1.0 max
35. E-Coli		:	Absent	Absent	Absent

Note : 1) All the values except pH & E.C. are expressed in mg/L.
2) NS – Not Specified


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TEST REPORT

REF.NO: LAWN/SCL-P/017/2026

Report Date: 03-02-2026

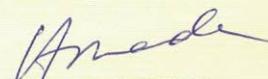
WASTE WATER QUALITY ANALYSIS

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

Sample Particulars : Vehicle Wash Waste Water
Date of Collection : 29-01-2026
Date of Analysis : 30-01-2026
PROTOCOL : A.P.H.A. 24th Edition, 2017 & IS 3025

		Limits as per GSR 422E
1. pH	: 7.30	6.50-8.50
2. Color (Hazen units)	: <1.0	---
3. Odour	: Disagreeable	---
4. Total Suspended solids	: 44	100
5. Oil & Grease	: 1.70	10
6. Free Ammonia as NH ₃	: 2.60	5.0
7. Total Residual Chlorine	: <0.50	1.0
8. Biochemical oxygen demand (3 days at 27 °C)	: 21	30
9. Chemical oxygen demand	: 178	250
10. Arsenic as As	: <0.01	0.2
11. Mercury as Hg	: <0.001	0.01
12. Lead as Pb	: <0.001	0.10
13. Copper as Cu	: 0.22	1.0

Note: All the values except pH, Odour & Color are expressed in mg/L.


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REF.NO: LAWN/SCL-P/018/2026

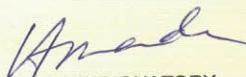
Report Date: 03-02-2026

AMBIENT NOISE QUALITY DATA

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

Location	:	Levels in dB (A)	
		Day time	Night time
1. Near Main gate	:	63.10	58.60
2. Near Gullapally Village	:	50.70	40.30
3. Near Ramachandrapuram Village	:	48.50	38.60
4. Near Mattampally Village	:	52.40	42.10
5. Near Peddaveedu Village	:	51.60	41.90

- Note:**
- Noise levels are monitored on 28-01-2026.
 - Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 20-02-2025, Due On 19-02-2026.
 - Day time is reckoned in between 6.0 am and 10.0 pm; Limit <75.0 dB (A) - As per NAAQ
 - Night time is reckoned in between 10.0 pm and 6.0 am; Limit <70.0 dB (A) - As per NAAQ


AUTHORISED SIGNATORY

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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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REF.NO: LAWN/SCL-P/019/2026

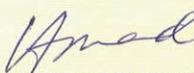
Report Date: 03-02-2026

WORK ZONE NOISE QUALITY DATA

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

Location	Levels in dB (A)		
	Max	Min	Avg.
1. Near Cement Mill - 1	74.20	69.40	71.80
2. Near Coal Mill - 3	78.50	73.10	75.80
3. Near VRM area	81.10	76.70	78.90
4. Near Kiln - 1	83.50	78.30	80.90
5. Near Kiln - II	82.60	77.20	79.90
6. Near WHR Boiler area	84.20	79.40	81.80
7. Near Cement Mill - 3	81.50	76.10	78.80
8. Near Packing Plant	78.30	73.50	75.90
9. Near AFR area	77.60	72.20	74.90
10. Near STP area	75.90	70.50	73.20
11. Near Limestone Reclaimer	79.20	74.40	76.80
12. Truck Parking Area	73.60	68.20	70.90
13. Captive Power Plant Boiler	80.40	75.40	77.90
14. Coal Handling Area (CPP)	74.30	69.10	71.70
15. Turbine Generator Area	76.90	71.30	74.10

- Note:** *I 1. Noise levels monitoring conducted on 28-01-2026.
2. Instrument make - Lutron SL - 4001 / G-49271, Calibrated On 20-02-2025, Due On 19-02-2026.
- *II The noise Pollution (Regulation and Control) Rules, 2000
Schedule, Rule 3(1) and 4(1), Section 7 - (IX) factories act - Limit <90 dB (A)


AUTHORIZED SIGNATORY

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

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TEST REPORT

REF.NO: LAWN/SCL-P/001/2026

Report Date: 03-02-2026

AMBIENT AIR QUALITY DATA

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

Location	CPP Entrance	LIMIT	PROTOCOL/METHOD
1. Date of sampling	29-01-2026	---	---
2. Date of Analysis	30-01-2026	---	---
3. Total time of monitoring	24 hr	---	---
4. Average flow rate (cum/min)	1.08	---	---
5. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM ₁₀	69.72	100	IS:5182 (Part-23); 2017 Gravimetric Method
6. Particulate matter Concentration ($\mu\text{g}/\text{m}^3$) -PM _{2.5}	30.14	60	IS:5182 (Part-24); 2019 Gravimetric Method
7. Sulphur dioxide (SO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	13.10	80	IS:5182 (Part-2); 2018 New West & Gaeke Method
8. Nitrogen dioxide (NO ₂) Concentration ($\mu\text{g}/\text{m}^3$)	26.40	80	IS:5182 (Part-6); 2017 JACOB & Hochheiser Method
9. CO, Concentration (mg/m^3)	0.037	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 05-01-2026, DUE ON 04-01-2027

1. FINE PARTICULATE SAMPLER MODEL / AAS 127 MINI; (SL.NO. 17-J-751), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027

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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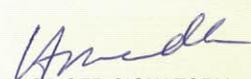
Report Date: 03-02-2026

FUGITIVE EMISSION DATA

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

PROTOCOL : IS-5182 (Part-4)

S.No.	Location	Date of Sampling	Date of Analysis	SPM ($\mu\text{g}/\text{m}^3$)	LIMIT
1	Captive Power Plant	29-01-2026	30-01-2026	1,205	2000 ($\mu\text{g}/\text{m}^3$)
2	Coal Yard	29-01-2026	30-01-2026	1,047	


AUTHORISED SIGNATORY

1. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2461-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027
2. RESPIRABLE DUST SAMPLER MODEL / APM 460; (SL. NO. 2465-DTA-2019), CALIBRATED ON 05-01-2026, DUE ON 04-01-2027



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-P/003/2026

Report Date: 03-02-2026

STACK MONITORING DATA

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

Sample Particular : Stack attached to the **Captive Power Plant 18 MW**

PROTOCOL

1. Date of sampling	:	28-01-2026	--
2. Date of analysis	:	30-01-2026	--
3. Location	:	Chimney	--
4. Stack diameter (m)	:	3.50	--
5. Stack cross sectional area (sq m)	:	9.62	--
6. Ambient temperature ($^{\circ}$ C)	:	32	--
7. Flue gas temperature ($^{\circ}$ C)	:	134	IS:11255 (Part-3); 2018
8. Exit velocity of flue gases (m/sec)	:	6.83	IS:11255 (Part-3); 2018
9. Flow rate (m^3/hr)	:	2,36,537	IS:11255 (Part-3); 2018
10. Flow rate ($N m^3/hr$)	:	1,71,536	IS:11255 (Part-3); 2018

EMISSION DATA

LIMITS

11. Particulate matter Concentration (mg/Nm^3)	:	23.10	30	IS:11255 (Part-1); 2019
12. Sulphur dioxide Concentration (mg/Nm^3)	:	44.90	100	IS:11255 (Part-2); 2019
13. Oxides of nitrogen Concentration (mg/Nm^3)	:	55.20	100	IS:11255 (Part-7); 2017
14. Mercury Concentration (mg/Nm^3)	:	<0.01	0.03	--

STACK MONITORING KIT : MODEL NO: APM-160/SI. No. 138-DTK-2020, CALIBRATED ON 05-01-2026, DUE ON 04-01-2027


AUTHORISED SIGNATORY

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-P/004/2026

Report Date: 03-02-2026

WASTE WATER QUALITY ANALYSIS

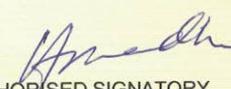
Name of the Industry & Address : **M/s. SAGAR CEMENTS LIMITED,**
Mattampally (Post & Mandal),
Suryapet (Dist) - 508 204.

Sample Particulars : Captive Power Plant - 18 MW Discharge Water
Date of Collection : 29-01-2026
Date of Analysis : 30-01-2026
PROTOCOL : A.P.H.A. 24th Edition, 2017 & IS: 3025

		Limits as per GSR 422E	
1. pH	:	7.30	6.50-8.50
2. Total dissolved solids	:	1,378	2100
3. Total Suspended solids (at 103-105 °C)	:	27	100
4. Chemical oxygen demand	:	71.40	250
5. Biochemical oxygen demand (3 days at 27 °C)	:	9.50	30
6. Chlorides as Cl	:	358	600
7. Sulphates as SO ₄	:	119	1000
8. Oil & Grease	:	<1.0	10
9. Dissolved Oxygen	:	0.80	NS
10. Free available chlorine as Cl ₂	:	<0.20	0.50
11. Copper as Cu	:	0.12	1.0
12. Iron as Fe	:	0.24	1.0
13. Phosphate as P	:	0.47	5.0
14. Zinc as Zn	:	<0.10	1.0
15. Chromium as Cr	:	<0.01	0.20

Note: 1. All the values except pH are expressed in mg/L.

2. NS – Not Specified.


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TEST REPORT

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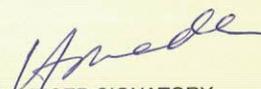
WASTE WATER QUALITY ANALYSIS

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

Sample Particulars : WHR Discharge water
Date of Collection : 29-01-2026
Date of Analysis : 30-01-2026
PROTOCOL : A.P.H.A. 24th Edition, 2017 & IS: 3025

		Limits as per GSR 422E	
1. pH	:	7.88	6.50-8.50
2. Total dissolved solids	:	892	2100
3. Total Suspended solids (at 103-105 °C)	:	25	100
4. Chemical oxygen demand	:	35.70	250
5. Biochemical oxygen demand (3 days at 27 °C)	:	<5.0	30
6. Chlorides as Cl	:	248.30	600
7. Sulphates as SO ₄	:	53.10	1000
8. Oil & Grease	:	<1.0	10
9. Dissolved Oxygen	:	0.90	NS
10. Free available chlorine as Cl ₂	:	<0.20	0.50
11. Copper as Cu	:	0.11	1.0
12. Iron as Fe	:	0.16	1.0
13. Phosphate as P	:	0.38	5.0
14. Zinc as Zn	:	<0.10	1.0
15. Chromium as Cr	:	<0.01	0.20

Note: 1. All the values except pH are expressed in mg/L
2. NS – Not Specified.


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