



SAGAR CEMENTS LIMITED

SCRL/APPCB CORRESPONDENCE/25-26

12.07.2025

To
The Environmental Engineer,
AP Pollution Control Board,
Regional Office,
Ananthapuramu.

Dear Sir,

Sub: Submission of Quarterly reports of Air, Water & Stack Emissions -reg

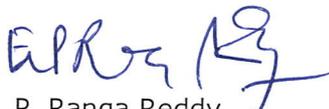
Ref: 1. APPCB/KNL/ATP/17731/HO/CFO/2020- 14/12/2020& expansion order dated
02.01.2023- Cement plant.
2. APPCB/KNL/KNL/17731/CFO&HWM/HO/2021 29/04/2021 - Power Plant

In reference to the above subject, we are herewith submitting the Quarterly Waste water discharges, emissions through chimney & ambient Air quality reports for the month of **April 2025 to June 2025.**

This is for your kind information and kindly acknowledges the receipt of the same

Thanking you

Yours faithfully,
For Sagar Cements Limited,


E. P. Ranga Reddy
(Vice President - Works)

Encl: Test Reports for Cement & Power Plant.





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

Phone : +91-40-23351571, 23356572 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 CIN : U26922TS2010PTC171799 GSTIN : 21AACCS8680H1ZA



B.S. ENVI - TECH PVT. LTD.
ENVIRONMENTAL CONSULTANTS & ANALYTICAL LABORATORY

TEST REPORT

Client : Sagar Cements Limited,
Unit : Cement Plant
Location : Gudipadu (V), Yadiki (M), Ananthapur (D), A.P.,
Month : June-2025

AMBIENT AIR QUALITY DATA

S.NO	LOCATION	DATE OF SAMPLING	24-HOURLY CONCENTRATION, [$\mu\text{g}/\text{m}^3$]			
			PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Filter Paper: Whatmann						
Flow Rate for PM₁₀: 0.9 - 1.4 m³/Min						
Flow Rate for PM_{2.5}: 0.0167 m³/Min						
Core Zone						
A1	Time Office	18.06.2025	64.9	32.8	14.6	15.5
A2	Near AAQ Station 1	18.06.2025	64.2	36.1	13.9	14.2
A3	Near Colony Guest House	19.06.2025	47.8	28.3	10.3	11.5
A4	Near AAQ Station 2	19.06.2025	50.5	26.8	16.2	17.3
Buffer Zone						
A5	Gudipadu	20.06.2025	42.9	22.0	13.0	14.1
A6	Gorvimani Palli	20.06.2025	41.3	21.3	15.4	16.2
NAAQ Standards for Industrial, Residential, Rural and Other Areas (24 hourly standard)			100 [$\mu\text{g}/\text{m}^3$]	60 [$\mu\text{g}/\text{m}^3$]	80 [$\mu\text{g}/\text{m}^3$]	80 [$\mu\text{g}/\text{m}^3$]

NABL Certificate No.: TC- 5233
NABET Certificate No.: NABET/EIA/2326/RA 0302(Rev.01)
Method of Analysis for PM₁₀ & PM_{2.5}: Gravimetric Method.
Method of Analysis for SO₂: Improved West & Geake Method.
Method of Analysis for NO₂: Jacob & Hocheiser Method.
Duration: Sample was collected on 24 hourly basis.

B.S. Narasimharaju Jogi
Reviewed and Authorized By
B.S.Narasimharaju Jogi



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TEST REPORT

Client : Sagar Cements Limited,
Unit : Cement Plant
Location : Gudipadu (V), Yadiki (M), Ananthapuramu (D), A.P.,
Month : June-2025

STACK GAS QUALITY DATA

S. No	PARAMETERS	Kiln & Raw Mill
1	Date	20.06.2025
2	Time	10:30 AM
3	Temp °C (Ambient)	30
4	Temp °C (Stack)	147
5	Pollution Control Equipment	Reverse Air Bag House
6	Stack Diameter (Meters)	3.5
7	Stack Height (Meters)	116.85
8	Flue gas Velocity (m/sec)	7.84
9	Discharge (m ³ /hr)	2,71,409
10	Particulate matter, mg/Nm ³	12.2
11	Standard Limit, mg/Nm ³	30

2.	Sulphur-dioxide Concentration	mg/Nm ³	13.5
CPCB Standards for Cement Plant, (Sulphur-dioxide) As Per CFO		mg/Nm ³	100

3.	Oxides of Nitrogen Concentration	mg/Nm ³	420.4
CPCB Standards for Cement Plant, (Oxides of Nitrogen) As Per CFO		mg/Nm ³	800

BDL: <1mg/Nm³

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Method of Analysis: CPCB Standard Method

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ENVIRONMENTAL CONSULTANTS & ANALYTICAL LABORATORY

TEST REPORT

Client : Sagar Cements Limited,
Unit : Cement Plant
Location : Gudipadu (V), Yadiki (M), Ananthapur (D), A.P.,
Month : June-2025

STACK GAS QUALITY DATA

S.No.	Parameters	Coal Mill	Cooler	Cement Mill
1	Date	19.06.2025	19.06.2025	20.06.2025
2	Time	09:00 AM	02:30 PM	03:30 PM
3	Temp Deg C (Ambient)	29	34	33
4	Temp Deg C (Stack)	64	260	97
5	Pollution Control Equipment	Bag Filter	ESP	Bag Filter
6	Stack Diameter (Meters)	0.76	3.1	1.25
7	Stack Height (Meters)	35.5	40	45
8	Velocity (m/sec)	8.48	9.6	8.55
9	Discharge (m ³ /hr)	13,842	2,60,715	37,753
10	Particulate matter, mg/Nm ³	16.5	19.2	21.8
11	Standard Limit, mg/Nm ³	30	30	30
12	Moisture Content (H ₂ O) %	--	--	2.1

NABL Certificate No.: TC- 5233

NABET Certificate No.: NABET/EIA/2326/RA 0302(Rev.01)

Method of Analysis: CPCB Standard Method

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