

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	SIA/OR/IND1/543874/2025
Compliance ID	1227730522
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1227730522/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	30-05-2026
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	ODISHA
RO/SRO Office Address	Integrated Regional Offices, Bhubaneswar
Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, ODISHA with Notification to Project Proponent.	



SAGAR CEMENTS LIMITED

SCL/ENV/MoEF&CC/EC/2026/15

Date:29-05-2026

To,

The Deputy Director General of Forest
Ministry of Environment, Forest and Climate
Change Regional Office, Bhubaneswar,
Odisha Regional Office(EZ), A/3
Chandersekharpur, Bhubaneswar-751023

The Joint Director
Ministry of Environment, Forest and Climate
Change
Parya varan Bhavan, CGO Complex Lodhi
Road, New Delhi- 110003

Sub: Half yearly Environmental Clearance Report of Cement Plant of The Sagar Cements Limited, Kalinganagar Industrial Complex, Tehsil-Danagadi, Dist - Jajpur, Odisha for the period from October'2025 to March'2026.

Ref: 1. EC Vide order No.6715/SEIAA/dated.21.05.2019 and Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated 01/11/2025

With reference to the above cited subject, we Sagar Cements Limited located at kacherigaon, Tasmanian, Chandia, Kalinganagar Industrial Complex, Tehsil-Danagadi, Dist - Jajpur, Odisha. here by Submitting the Environmental Clearance Half yearly compliance report for the period from October'2025 to March'2026. This is for your kind information please.

Yours faithfully,

for: **Sagar Cements Limited.**

I.P. Srivastava
(Authorised Signatory)

Encl:

1.EC Condition wise compliance Report.

Copy to: 1. The Member Secretary, State Pollution Control Board Odisha Board Odisha Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII, Bhubaneswar-751012.

2. The Regional Officer, State Pollution Control Board, Kalinga Nagar, At-Dhabalagiri, Po – F.C Project, Jajpur Road, Dist – Jajpur – 755020



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, Tehsil-Dangadi, Dist - Jajpur, Odisha. Phone : 08340882288 GSTIN : 21AACCS8680H1ZA

*Environmental Clearance Half-Yearly Condition Wise
Compliance Report
Sagar Cements Limited
(Period: October- 2025 to March-2026)*



Sagar Cements Limited

1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
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Condition wise Compliance Report

A. Specific Condition:

1	<p>stipulates that “Environmental Clearance is granted with a condition that "the PP has given an undertaking to reduce transport by road. Credible arrangement has to be finalized with Railways within six months for making substantial (at least 60%) transport to and fro of raw material and end products by Railways”. The PP will comply the specific condition within a period of two years from the date of issue of this transfer of EC under the provisions of EIA Notification, 2006 and as amended thereof. The other stipulated terms and conditions of the original EC initially granted on 21.05.20219 remain the same subject to compliance of EC conditions.</p>	<p>We are noted and being complied with. At present, the major raw materials of the plant such as clinker are being transported through railway wagons using the Sukinda Railway Siding. 100% of the clinker requirement is being transported to our plant by railway route as per the Consent to Operate (CTO), substantial arrangements have also been made for the transport of raw materials to and from the plant by railways from our Jajpur unit.</p> <p style="text-align: center;">Transportation Details: - Oct.25 to Mar.2026</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 30%;">Raw Material</th> <th style="width: 35%;">By railway</th> <th style="width: 35%;">By Road</th> </tr> </thead> <tbody> <tr> <td>Clinker</td> <td style="text-align: center;">132813.78</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Slag</td> <td style="text-align: center;">0</td> <td style="text-align: center;">33065.98</td> </tr> <tr> <td>Fly ash</td> <td style="text-align: center;">0</td> <td style="text-align: center;">19670.32</td> </tr> <tr> <td>Gypsum</td> <td style="text-align: center;">0</td> <td style="text-align: center;">4766.16</td> </tr> </tbody> </table>	Raw Material	By railway	By Road	Clinker	132813.78	0	Slag	0	33065.98	Fly ash	0	19670.32	Gypsum	0	4766.16
Raw Material	By railway	By Road															
Clinker	132813.78	0															
Slag	0	33065.98															
Fly ash	0	19670.32															
Gypsum	0	4766.16															

B. Statutory Compliance

1	<p>The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.</p>	<p>Noted. As there is no forest land involved in the project area and the land has been acquired from the IDCO/ sez of 26.5 acres, so forest clearance is not required for the project.</p>
2	<p>The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</p>	<p>Noted. There is no forest land involved in the project area and also there are no wildlife sanctuaries in and around the vicinity of the project. So, the condition is not applicable.</p>
3	<p>The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief</p>	<p>Noted for compliance, there is no forest land in the project and there are no wildlife sanctuaries in and around the vicinity of the project. So the</p>

Sagar Cements Limited

- 1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
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	Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report, (in case of the presence of schedule-1 species in the study area).	condition is not applicable.
4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (prevention & Control of Pollution) Act, 1974 from the State pollution Control Board, Odisha.	Being Complied. Consent to Establish has been obtained from the State Pollution Control Board vide letter no. 17021/IND-II-CTE-6717 dated 17.09.22. Also Consent to Operate has been obtained vide letter no: 3810 / IND-I-CON-6806 dated 23.03.2026 and Valid for 3 years. i.e. up to 31.03.2029. Annexure-I
5	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Noted for compliance, The project is accorded water of surface water having withdrawal capacity of 200 KLD from the govt. authority IDCO Vide Order No: BBSR/WS & EC Divn. II/Agg No 20/2022-23 Dated; 29.09.2022. Water agreement is attached below Annexure-II <u>There is no ground water withdrawal.</u>
6	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Being complied. We have obtained the Hazardous waste authorization letter from SPCB granted vide letter no. IND-IV--HW-6744/6906 dated 30.04. 2026 & valid up to 31.03.2029 authorization copy has been attached. Annexure-III

C. Air Quality Monitoring and Preservation

S.No	Condition	Compliance
1	The project proponent shall install 24x7 Continuous emission monitoring system online servers and calibrate these system from time to time according to equipment	Being complied. We have installed one no. of AAQMS and one CEMS inside our plant and linked with CPCB & SPCB server.

*Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalinganar
Industrial Complex, Tehsil-Danagadi, Dist-Jajpur, Odisha-755026*

Sagar Cements Limited

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supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

Proper calibration is being done on periodic basis. Also, we are conducting third party AMC by NABL accredited consultancy named as Swan Environment Pvt.Ltd Calibration of the instruments is being done on periodic manner. Monitoring reports is attached below. Calibration report.



Continuous Emission Monitoring System (CEMS) Cement Mill

Sagar Cements Limited

1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
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SWAN ENVIRONMENTAL PVT. LTD.,
(ISO 9001 : 2015 CERTIFIED)
Plot No. 922 & 925, Swami Ayyappa Co-Op Society, Madhapur, Hyderabad - 500 081, Telangana, India.
Phone: +91-40-4021918/19, Fax: +91-40-4021918/19
Email: info@swanenviro.com Website: www.swanenviro.com

CALIBRATION CERTIFICATE

Certificate No: SEPLCEMS/2025/5024 Date of Issue : 12-12-2025
Customer : Ms. JAJPUR CEMENTS PRIVATE LIMITED.
Location : Cement Mill Back Site Stack

Instrument Details:
Instrument : Online Stack Gas Dual (SPM) Monitor Date of Calibration: 11-12-2025
Make : SICK Due Date : 10-06-2026
Model : DHSF 30
Range : 0 -100 mg/m³
Serial No : 21045572

S.No	Thimble Test Value	Value Before Calibration	Value After Calibration	Span Calibration Factor	Remarks
1	17	16	17	2.5	Cleaned & Aligned

Accepted Tolerance: ± 5 %
Result: The Calibration of above instrument is performed and it meets the acceptance criteria.

Calibrated by:  Reviewed by: 
Parameswar Nath SK Saikia
Engineer - Service Manager - Service



SWAN ENVIRONMENTAL PVT. LTD.,
(ISO 9001 : 2015 CERTIFIED)
Plot No. 922 & 925, Swami Ayyappa Co-Op Society, Madhapur, Hyderabad - 500 081, Telangana, India.
Phone: +91-40-4021918/19, Fax: +91-40-4021918/19
Email: info@swanenviro.com Website: www.swanenviro.com

CALIBRATION CERTIFICATE

Certificate No: SWAN/CAQMS/2025/5022 Date of Issue : 12-12-2025
Customer : Ms. SAGAR CEMENTS LIMITED, Odisha
Location : CAQMS-1 (Near Main Gate)

Instrument Details:
Instrument : PM-10 Analyzer Date of Calibration: 11-12-2025
Make : Met One, U.S.A Due Date : 10-06-2026
Model : ES-542
Serial No : C12442

Calibration Details:

Final Test			
Temperature Sensor	Pass	BP Sensor	Pass
Flow (2.0 L/M)	Pass	RH Sensor	Pass
C-10 Volts Output	Pass	4-20 mA Output	Pass
Serial Communication	Pass	Inlet Heater	Pass

Span Calibration

Standard Value	Measured Value	% of Deviation
416 mg/cm ²	418 mg/cm ²	0.48 %

Accepted Tolerance: + 2 %
Result: The Calibration of above instrument is performed and it meets the acceptance criteria.

Calibrated by:  Reviewed by: 
Parameswar Nath SK Saikia
Engineer - Service Manager - Service

AAQMS & CEMS Calibration Certificate

2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Being compliance. The project is accorded with CTO vide order No: 3810 / IND-I-CON-6806 dated 23.03.2026 At present the manual monitoring of fugitive emissions Quality is being done by the third-party agency Eco Men accredited by NABL laboratory certificate No TC_12751. and the monitoring reports are attached below. Annexure-IV
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(Fugitive Monitoring Data from October”2025 to March”2026)

S No.	Name of Location	SPM Observed Value (in µg/m ³)		Limit (µg/m ³)
		October-25 to January-26	January-26 to March-26	
1.	Nearby Cement mill area	487.7	502.1	5-1000
2.	Nearby RMH	420.8	442.6	5-1000
3.	Nearby fly ash handling	458.9	472.5	5-1000

Sagar Cements Limited

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Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
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ecoMen **ECOMEN MINING PRIVATE LIMITED**
(Formerly Known as Ecomen Laboratories Private Limited)
Gate No. 61, Mirzapur, Bakhali Sca Talab, Dist. Lakhnau, Uttar Pradesh - 226 021
Phone No.: 0522 - 4079204/2746282
E-mail: contact@ecomen.in, Website: www.ecomen.in, CIN - U72101UP1989PTC010601, GSTIN - 09AAACE6076H1Z3

TEST REPORT FORMAT NO. ECOQSP/FORMAT/10

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Bakhali Sagar Industrial Complex, Dasnagadi, Jajpur, Odisha.	Test Report No.	ECOT/AA/509/51/12/2025
Type of Sample	Suspended Particulate Matter	Issue Date of Test Report	01.01.2026
Sample Registration No.	009	Name of Location	New Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	22.12.2025 - 23.12.2025	Time of Sample Collection	-
Start Date of Analysis	23.12.2025	End Date of Analysis	24.12.2025
Weather Condition	Sunny	Sampling Duration	2.0 Hrs.
Laboratory Environment Condition	Temperature: 25.12 °C Humidity: 62%	Sample ID Code	ECOT/AA/509/51/12/2025

Parameters	Suspended Particulate Matter (SPM) µg/m³
PROTOCOL	IS:5182(Part-4)
Limits of Detection	5-1000
Limit as per National Ambient Air Quality Standards	
Sl. No.	Sampling Date
1.	22.12.2025
	Results
	487.7

Note: - Standard As per the CTO Norms of the plant.

Verified By

Technical Manager

Authorized By

Quality Manager

ecoMen **ECOMEN MINING PRIVATE LIMITED**
(Formerly Known as Ecomen Laboratories Private Limited)
Gate No. 61, Mirzapur, Bakhali Sca Talab, Dist. Lakhnau, Uttar Pradesh - 226 021
Phone No.: 0522 - 4079204/2746282
E-mail: contact@ecomen.in, Website: www.ecomen.in, CIN - U72101UP1989PTC010601, GSTIN - 09AAACE6076H1Z3

TEST REPORT FORMAT NO. ECOQSP/FORMAT/10

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Bakhali Sagar Industrial Complex, Dasnagadi, Jajpur, Odisha.	Test Report No.	ECOT/AA/509/51/12/2025
Type of Sample	Suspended Particulate Matter	Issue Date of Test Report	01.01.2026
Sample Registration No.	009	Name of Location	New Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	22.12.2025 - 23.12.2025	Time of Sample Collection	-
Start Date of Analysis	23.12.2025	End Date of Analysis	24.12.2025
Weather Condition	Sunny	Sampling Duration	2.0 Hrs.
Laboratory Environment Condition	Temperature: 25.12 °C Humidity: 62%	Sample ID Code	ECOT/AA/509/51/12/2025

Parameters	Suspended Particulate Matter (SPM) µg/m³
PROTOCOL	IS:5182(Part-4)
Limits of Detection	5-1000
Limit as per National Ambient Air Quality Standards	
Sl. No.	Sampling Date
1.	24.12.2025
	Results
	420.8

Note: - Standard As per the CTO Norms of the plant.

Verified By

Technical Manager

Authorized By

Quality Manager

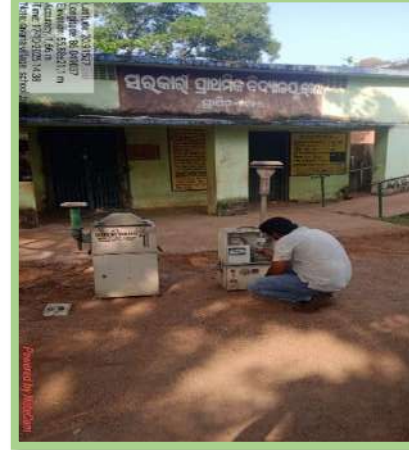
Fugitive Emission Report

3	<p>The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.</p>	<p>Being complied.</p> <p>The project is accorded with CTO vide order No: 3810 / IND-I-CON-6806 dated 23.03.2026</p> <p>AAQMS system installed at plant and Display board fixed at plant main gate</p> <p>And also, Ambient Air Quality Monitoring is done by the third-party agency Eco Men accredited by NABL laboratory certificate No TC_12751.4 Locations have been identified for monitoring the air quality in different locations like truck tippler area, hopper building area, plant main gate, cement mill area, Chandia village, Jakhapura village, Revana Village and the ambient air monitoring reports are attached below. Annexure-V</p>
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Sagar Cements Limited

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2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

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Ambient Air Quality Monitoring System (AAQMS) inside & outside

(Ambient Air Quality Monitoring Data From October -2025 to March-2026)

Location	Near Plant Main Gate Area					Near Cement Mill Area					Near Hopper Building Area					Near Truck Tippler Area				
	PM10	PM2.5	SO ₂	Nox	CO	PM10	PM2.5	SO ₂	Nox	CO	PM10	PM2.5	SO ₂	Nox	CO	PM10	PM2.5	SO ₂	Nox	CO
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³
Oct-25	51.9	23.2	13	15	0.43	55.2	22.3	13.1	15.5	0.45	56.5	23	13.8	16.7	0.44	55.8	22.9	13.2	15.8	0.42
Nov-25	65.7	30.3	15.6	19	0.54	69.6	30.8	16.6	20.3	0.63	69.6	29.9	16.7	22	0.62	61.2	26.5	15.6	19.6	0.55
Dec-25	53.2	19.9	13.5	16	0.42	54.7	21.2	13.9	16.5	0.42	55.2	22.1	13.6	16.5	0.41	53.1	20.8	13.9	17.2	0.41
Jan-26	57.3	23.6	12.8	17.2	0.52	58.9	22.1	13.5	17.2	0.52	57.8	23.3	12.8	14.4	0.55	51.5	20.7	13.5	17.4	0.52
Feb-26	58.1	24.1	12.9	16.7	0.51	60.4	24.5	13.2	17	0.53	56.2	23.1	12.5	16.7	0.47	51.4	21.2	12.3	16.3	0.47
Mar-26	59.6	23.5	13.2	16.7	0.54	60.4	25.8	13.6	17.4	0.52	57.8	24.6	13.2	16.9	0.51	51.7	20.4	12.7	16	0.48
Maximum	65.7	30.3	15.6	19	0.54	69.6	30.8	16.6	20.3	0.63	69.6	29.9	16.7	22	0.51	61.2	26.5	15.6	19.6	0.55
Minimum	51.9	19.9	12.8	15	0.42	54.7	21.2	13.1	15.5	0.42	55.2	22.1	12.5	14.4	0.41	51.4	20.4	12.3	15.8	0.41
Average	57.63	24.10	13.50	16.77	0.49	59.87	24.45	13.98	17.32	0.51	58.85	24.33	13.77	17.20	2.17	54.12	22.08	13.53	17.05	0.48

(Ambient Air Quality Monitoring Data From October -2025 to March-2026)

Location	Chandia village				Jakhapura village				Ravana village			
	PM10	PM2.5	SO ₂	Nox	PM10	PM2.5	SO ₂	Nox	PM10	PM2.5	SO ₂	Nox
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Oct-25	42.2	21.8	9.4	10.7	48.6	23.1	9.2	12.8	46.8	19.2	10.7	13.4
Nov-25	58.3	20.2	10.6	13.1	60.4	26.7	11.4	15.9	55.7	22.4	10.2	14.3
Dec-25	51.4	20.1	12.3	16.2	48.1	18.3	13.5	16.2	52.6	20.2	12.1	13.3
Jan-26	53.2	24.5	10.4	14.3	49.7	20.5	12.2	17.4	53.5	21.7	13.6	16.5
Feb-26	52.8	20.3	12	16	55.7	23.5	12.2	15.6	51.2	21.8	12.14	17.3
Mar-26	50.4	18.6	11.8	13.2	52.9	23.2	12.8	16.1	54.1	20.8	13.1	15.8
Maximum	58.3	24.5	12.3	16.2	60.4	26.7	13.5	17.4	55.7	22.4	13.6	17.3
Minimum	42.2	18.6	9.4	10.7	48.1	18.3	9.2	12.8	46.8	19.2	10.2	13.3
Average	51.38	20.92	11.08	13.92	52.57	22.55	11.88	15.67	52.32	21.02	11.97	15.10

Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalanganar
Industrial Complex, Tehsil-Danagadi, Dist-Jajpur, Odisha-755026

Sagar Cements Limited

- 1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
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4	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Being complied. The project is accorded with CTO vide order No: 3810 / IND-I-CON-6806 dated 23.03.2026. As per the CTO we are submitting the monthly monitoring reports to all the regulatory bodies. Monitoring reports are attached below. Annexure-VI
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Table: Stack emissions (October -September 2026)

(Stack Monitoring Data October -2025 to March-2026)	
Month	Cement Mill - PM (mg/Nm3)
Oct-25	16.33
Nov-25	15.22
Dec-25	10.86
Jan-26	10.22
Feb-26	11.80
Mar-26	10.41
Max	16.33
Min	10.22
Ave	12.47

Table: Average monthly value of CEMS (Period: October -2025 to March-2026)

M/s. Jajpur Cement Private Limited

Average Report

S. No.	Month	CEMS_1_VRM_CEMNT_MILL- PM (mg/Nm3)	Limit (mg/Nm3)
1	Oct-25	13.15	30
2	Nov-25	4.32	30
3	Dec-25	3.15	30
4	Jan-26	3.45	30
5	Feb-26	5.51	30
6	Mar-26	11.69	30
	Max	13.15	
	Min	3.15	
	Ave	6.9	

5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Being complied. We have installed 30 nos of bag filters and also taken into proper operation. Also, for control of fugitive dust generation we are sprinkling water with water tankers and regular housekeeping is being done.
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Sagar Cements Limited

1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
--	--------------------------

<u>Bag House for Cement Mill</u>	<u>Concrete silo for product storage</u>	<u>Covered belt for raw material transfer</u>
		
<u>Chemical gypsum storage shed</u>	<u>Covered Raw material storage</u>	<u>Concrete silo for Clinker storage</u>
		
<u>Road sweeping through machine</u>	<u>Raw material transfer in covered trucks</u>	<u>Regular water spray on road</u>
6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being complied. We are providing the auto bag cleaning devises facilities for all bag filters with timer mode operation and differential pressure operation mode
7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Being complied. This condition is complied as per the CREP guidelines.
8	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Being complied. We are using road sweeping machine, floor cleaning machines, vacuum cleaners at shop floors and maintaining the house keeping in all the areas.

Sagar Cements Limited

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--	--------------------------



Road sweeping through machine

floor cleaning through machine

Regular mobile water spray on road

9	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation, Use closed bulkers for carrying fly ash.	<p>Being complied.</p> <p>The project is accorded with CTO vide order No: 3810/IND-I-CON-6806 dated 23.03.2026.</p> <p>We have provided closed sheds for all type of raw materials, and every transfer point bag filter is installed.</p> <p>For fly ash, we are using bulkers and closed circuit to transfer the material through pneumatic conveying system only.</p>
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Raw material transfer in covered trucks

10	Provide wind shelter fence and chemical spraying on the raw material stock piles, and have separate truck parking area and monitor vehicular emissions at regular interval.	<p>Being complied.</p> <p>The project is accorded with CTO vide order No: 3810 /IND-I-CON-6806 dated 23.03.2026</p> <p>Wind shelter has been already provided, as there is no requirement of any chemical spraying on raw materials as every material has been stored under closed roof only.</p> <p>Separate truck parking area has been provided and all the truck suppliers submitted vehicle emission certificates.</p>
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Form 59
(500 Rupee, 115 (2))

Pollution Under Control Certificate
Authorized By :
Government of Odisha

Date : 21/05/2026
Time : 13:11:28 PM
Validity upto : 20/11/2026

QR Code

Certificate No. : OR02200470029567
Registration No. : OD3498619
Date of Registration : 18/Dec/2014
Month & Year of Manufacturing : November 2014
Valid Mobile Number : 9999991111
Emission Norms : BHARAT STAGE III
Fuel : Diesel
PUC Code : OR0220047
GSTIN : 21CPAPN1237E1ZL
Tax : Rs.177.00(Including GST)
MVA observation : Nil

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.27

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorized Signature with stamp of PUC Operator, 50mm x 25mm

SAGAR POLLUTION TESTING CENTRE

Form 59
(500 Rupee, 115 (2))

Pollution Under Control Certificate
Authorized By :
Government of Odisha

Date : 21/05/2026
Time : 13:01:17 PM
Validity upto : 20/11/2026

QR Code

Certificate No. : OR02200470029565
Registration No. : OD3498619
Date of Registration : 18/Dec/2014
Month & Year of Manufacturing : October 2014
Valid Mobile Number : 9999991111
Emission Norms : BHARAT STAGE III
Fuel : Diesel
PUC Code : OR0220047
GSTIN : 21CPAPN1237E1ZL
Tax : Rs.177.00(Including GST)
MVA observation : Nil

Vehicle Photo with Registration plate
60 mm x 30 mm

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Authorized Signature with stamp of PUC Operator, 50mm x 25mm

SAGAR POLLUTION TESTING CENTRE

Vehicle emission is under control and Authorized agency certificates



Vehicular are covered tarpaulin

11	Efforts shall be made to reduce impact of the transport of raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.	Noted and being complied. Steps have been initiated to enhance transportation of materials through Railways. Currently, maximum raw materials of plants like clinker & slag transported through wagons by using Sukinda railway siding. 100% of Clinker is coming by Railway route to our plant, each year for the past three years (Annexure – I(a)). As per CTO, we have made substantial arrangements for transport of to and fro of raw materials by Railways from our Jajpur plant.
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Sagar Cements Limited

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01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
--	--------------------------

12	Raw material and products shall be stored under covered shed.	<p>Being complied.</p> <p>The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023</p> <p>The project is completed and we have constructed the cover sheds for the storage of raw materials, and the product is stored in SILO's.</p>
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Concrete silo for product storage



Concrete silo for Clinker storage



Raw Material storage shed

13	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, and cement bagging plants.	<p>Being complied.</p> <p>We have provided ventilation system as per the guidelines.</p>
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C. Water Quality Monitoring and Preservation

S.No	Condition	Compliance
1	The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25 th August, 2014 (Cement) and subsequent amendment dated 9 th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories, (case to case basis small plants,	<p>Noted and complied.</p> <p>As per the Environmental Clearance (EC) granted, the total water requirement of the plant is about 80 KLD, sourced through IDCO from the proposed water line connected to the Brahmani River. Of this, 56.5 KLD is used for industrial processes, 3.5 KLD for domestic use, and 20 KLD for greenbelt development and dust suppression.</p> <p>Since we use dry grinding process, and there is no effluent generation, ETP installation and continuous monitoring are not applicable. The plant operates on zero-liquid discharge.</p> <p>Domestic wastewater from office toilets and the guest</p>

*Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalanganar
Industrial Complex, Tehsil-Danagadi, Dist-Jajpur, Odisha-755026*

Sagar Cements Limited

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2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

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	Manual, Large plants, Continuous).	house is presently managed through soak pit and septic tank arrangements. A Sewage Treatment Plant (STP) is installed and is currently operational the treated water is being utilized for Dust Suppression, greenbelt development and plantation purposes. Further, wastewater quality is being monitored through a NABL-accredited laboratory , and the reports for the Six Month are enclosed as Annexure-5 for reference.
2	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Noted and complied. Groundwater quality monitoring is being conducted twice a year (pre- and post-monsoon) through a NABL-accredited laboratory at designated locations within and around the plant. Reports are attached as Annexure-6 .
3	The project proponent shall submit monthly summary report of continuous effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six – monthly monitoring report.	Noted for compliance Since we have no effluent generation, ETP installation and continuous monitoring are not applicable. The detailed water quality report along with monitoring reports enclosed as Annexure-5 for reference.
4	Adhere to ‘Zero Liquid Discharge’.	Being complied. We are complying with the Zero liquid discharge concept. There is no water being discharge outside our plant premises.
5	Sewage Treatment Plant shall be provided to treatment of domestic waste water to meet the prescribed standards.	Being complied. We have already constructed one STP of capacity 50 KLD for the treatment of domestic effluents and the treated wastewater is used for green belt development. Test reports attached. Annexure-7



Bio- Digester Technology Sewage treatment Plant 50 KLD

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6	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Being complied. Provided all the concrete floors in open areas and all raw material stored in covered yards.
7	The project proponent shall practice rainwater harvesting to maximum possible extent.	Noted for compliance Detailed Rainwater Harvesting Plan for the plant, covering roof-top and open-area collection, storage, and recharge measures has been prepared . The plan has been attached herewith as Annexure-6 . Rainwater harvesting work under process, ensuring maximum utilization of rainwater and compliance with EC Condition No. 7.



Rainwater Harvesting pit

8	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Being complied.
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Raw Inlet Water Meter from IDCO



Process Water Meter

Sagar Cements Limited

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--	--------------------------

9	The project proponent shall make efforts to minimize water consumption in the Cement plant.	Noted and being complied.
10	Cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Noted for compliance. We have constructed one STP for the treatment of domestic effluents and the treated waste water is used for the development of green belt.
11	A complete plan for rainwater harvesting shall be implemented inside the premises so as to harvest the quantum of rain water during the rainy days to minimize ground water extraction.	<p>Rainwater Harvesting Plan to harvest rainwater during the rainy season and minimize groundwater extraction has been prepared for the entire project premises, covering roof-top, paved, and open areas with provisions for storage and groundwater recharge. The plan has been attached as Annexure-6.</p> <p>Rainwater harvesting work under process, purchase order of Rainwater harvesting vide order no. SJCWO2600023,</p>

D. Noise Monitoring and Prevention.

1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	<p>Being complied.</p> <p>At present we are doing monthly monitoring of the intensity of noise level as per the guidelines of CTO, through third party agency Eco Men accredited by NABL laboratory certificate No TC_12751.. Noise level report is attached below.</p>
2	The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz, 75dB (A) during day time and 70 dB (A) during night time.	<p>Being complied.</p> <p>Noise level report is attached below, and it is under the norms.</p> <p>Annexure-VII</p>

Sagar Cements Limited

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--	--------------------------

(Ambient Noise Monitoring Data From Oct." 2025 to Mar." 2026)																						
Month			Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		(Oct." 2025 to Mar." 2026)							
Location	Category	Prescribed Limit db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Day			Night			
		Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Min.	Max.	Avg.	Min.	Max.
Near Plant Main Gate Area	Industrial	75	70	62.7	58.6	60.6	54.1	60.6	54.1	62.1	57.4	60.4	55.3	65.7	53.4	60.4	65.7	62.0	53.4	58.6	55.5	
Near Cement Mill Area	Industrial	75	70	64.2	63.4	69.4	59.7	66.2	55.6	68.2	59.3	68.6	57.5	69.3	55.6	64.2	69.4	67.7	55.6	63.4	58.5	
Near Hopper Building Area	Industrial	75	70	66.3	63.5	68.9	61.5	64.5	56.3	62.7	55.2	61.7	53.6	64.5	54.8	61.7	68.9	64.8	53.6	63.5	57.5	
Near Truck Tippler Area	Industrial	75	70	65.1	59.7	65.4	54.8	68.8	53.7	60.2	50.6	58.4	49.2	57.8	50.4	57.8	68.8	62.6	49.2	59.7	53.1	

(Ambient Noise Monitoring Data From Oct." 2025 to Mar." 2026)																						
Month			Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		(Oct." 2025 to Mar." 2026)							
Location	Category	Prescribed Limit db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Observed Value db(A)		Day			Night			
		Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Day Time	Night time	Min.	Max.	Avg.	Min.	Max.
Chandia village	Buffer zone	55	45	0	0	47.5	36.1	49.1	39.5	47.6	38.2	46.3	39.1	47.6	38.3	0	49.1	39.7	0	39.5	31.9	
Jakhapura village	Buffer zone	55	45	0	0	51.2	39.3	52.4	40.7	51.8	41.2	50.5	39.2	49.6	40.3	0	52.4	42.6	0	41.2	33.5	
Ravana village	Buffer zone	55	45	0	0	49.3	39.5	50.3	38.6	49.4	36.8	47.6	38.8	48.7	37.5	0	50.3	40.9	0	39.5	31.9	

E. Energy Conservation Measures

1	Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Noted for compliance. The management is looking forward to the possibilities for green energy production & install solar panels.
2	Provide the project proponent to LED lights in their offices and residential areas.	Being complied. We have installed LED lights at all the required locations.
3	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Being complied. We are maximum producing PSC & CC as per BIS standards.

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F. Waste Management

1	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Noted and being followed. We are disposing all the Hazardous waste generated from our plant premises to authorized recycler only.
2	Kitchen waste shall be composted or converted to biogas for further use. (To be decided on case to case basis depending on type and size of plant).	Being complied. Kitchen waste (Food waste) is being converted into compost by Bio decomposer Machine installed.



Bio Decomposer Machine

G. Green belt

1	Green belt shall be developed in an area equal to 33% (8.8 acres as proposed) of the plant area with a native tree species in accordance with CPCB guidelines. The green belt shall inter alia cover the entire periphery of the plant.	Being complied. We have developed the plantation in 33% area (approx. 8.8 acres land) and achieved good survival rate.
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2	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	Noted for compliance. GHG emissions inventory report under preparation.

H. Public Hearing and Human Health Issues

1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Being complied. OSEP is prepared as per guidelines.
2	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act. Rotation Equipment (PPE) as per the norms of Factory Act.	Noted & being complied. For compliance this condition is compiled by providing all the required PPEs to the workmen and employee. Provided safety guards for all Rotating equipment's.
3	Provision shall be made for the housing of construction labour within the site with all	Complied. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated

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	necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	27.03.2023 During the project we had provided temporary housings with mobile toilets, as project is completed and plant is in operation, those temporary housings has been removed.
4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Noted & being complied. Premedical Health check-up & Annual Health checkup is done for all the factory workmen every year and records is being maintained.

I. Corporate Environment Responsibility

1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F, No. 22-65/2017-IA. 11 dated 1 st May2018. As applicable, regarding Corporate Environment Responsibility.	Noted for compliance The project is accorded with CTO vide order No: 3810 / IND-I-CON-6806 dated 23.03.2026 and we are doing the CSR activities in and around the factory budget is attached below. FY-2025-26 - CSR value Rs.1610520/- Annexure-VIII
2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms/ conditions. The company shall have defined system of reporting infringements/ deviation / violation of the environmental / forest / wildlife norms/ conditions and/ or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six – monthly report.	At Sagar Cements, Board Risk Management and ESG Committee has been constituted to ensure ESG priorities, including climate action activities. It consists of five Board members and is chaired by the Joint Managing Director. The Committee meets twice a year to integrate ESG practices into the Company's operations and is also responsible for developing and overseeing environment- related strategies and compliance. It helps approve Environment policies of the Company and ensuring effective oversight of the ESG Vision roadmap and its implementation. Enclosing (Annexure – 7) ESG Framework copy - refer page 15, 25 which states Board Responsibility and accountability for deviations/violations on issues relating to environment, forest and wildlife.

Sagar Cements Limited

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3	A separate Environmental cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	<p>Being complied.</p> <p>Unit level environmental cell is formed headed by the plant head and followed by the other members and is accorded with CTO. We have developed ESG committee in the plant for effective environment monitoring and management.</p> <p>The details are given below:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">S. No.</th> <th style="width: 60%;">Name</th> <th style="width: 30%;">Designation</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Mr. I.P. Srivastava</td> <td style="text-align: center;">Plant Head</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Mr. Maheswari Sarma</td> <td style="text-align: center;">Head-Product & QC</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Mr. Bharat Saran Pandey</td> <td style="text-align: center;">Environment Officer</td> </tr> </tbody> </table>	S. No.	Name	Designation	1	Mr. I.P. Srivastava	Plant Head	2	Mr. Maheswari Sarma	Head-Product & QC	3	Mr. Bharat Saran Pandey	Environment Officer									
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1	Mr. I.P. Srivastava	Plant Head																					
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3	Mr. Bharat Saran Pandey	Environment Officer																					
4	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate accounts and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-monthly Complaisance Report.	<p>Noted for compliance.</p> <p>Details of Expenditure incurred during FY. 2025-26 is as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="3" style="text-align: center;">Expeniture during FY. 2025-26</th> </tr> <tr> <th style="width: 10%;">S.No.</th> <th style="width: 60%;">Particulars</th> <th style="width: 30%;">FY. 2025-26 Cost (In Lacs Rupees)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>PCM Maintenance</td> <td style="text-align: center;">33.47</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Pollution monitoring & mitigation measures</td> <td style="text-align: center;">12.6</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Green Belt</td> <td style="text-align: center;">6.0</td> </tr> <tr> <td style="text-align: center;">4</td> <td>STP</td> <td style="text-align: center;">1.8</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td style="text-align: center;">53.4</td> </tr> </tbody> </table> <p>separate accounts opening under process.</p>	Expeniture during FY. 2025-26			S.No.	Particulars	FY. 2025-26 Cost (In Lacs Rupees)	1	PCM Maintenance	33.47	2	Pollution monitoring & mitigation measures	12.6	3	Green Belt	6.0	4	STP	1.8	Total		53.4
Expeniture during FY. 2025-26																							
S.No.	Particulars	FY. 2025-26 Cost (In Lacs Rupees)																					
1	PCM Maintenance	33.47																					
2	Pollution monitoring & mitigation measures	12.6																					
3	Green Belt	6.0																					
4	STP	1.8																					
Total		53.4																					
5	Self-environmental audit shall be conducted annually, every three years third party environmental audit shall be carried out.	<p>Noted for compliance.</p> <p>Environmental audit is being done on periodic basis. As per CTO order regular monitoring is conducting through third party.</p>																					
6	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	<p>Noted for compliance.</p> <p>The project authority has a CREP- Corporate Environment Social Responsibility in the corporate level.</p>																					

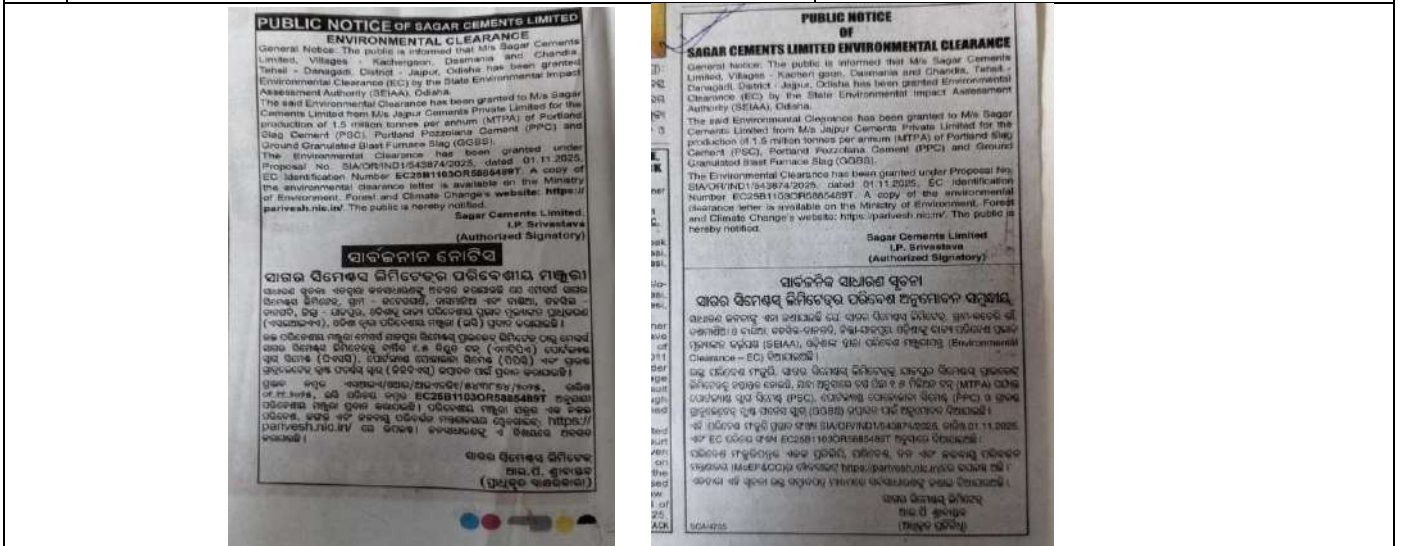
Sagar Cements Limited

**1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025**

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
--	--------------------------

I. Miscellaneous.

1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponents website permanently.	Complied. Project completed, plant under operation & production.
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2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayat and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied. Project completed, plant under operation & production.
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3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Being complied. The project is accorded with CTO vide order No: 3810 / IND-I-CON-6806 dated 23.03.2026 Operations start date on 04.03.2022 https://sagarcements.in/about/other-reports
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Sagar Cements Limited

- 1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
--	--------------------------

4	The project proponent shall monitor the criteria pollutants level namely, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Being complied. Display board fixed at our Plant main gate Entrance and disclosure to public and upload the data in website through authorized vendor.
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Display Board at main gate

5	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Being complied. We are uploading the status of compliance of EC on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
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11/29/25, 7:42 PM

Home Page

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	SIA/OR/IND1/543874/2025
Compliance ID	705467578
Compliance Number(For Tracking)	EC/M/COMPLIANCE/705467578/2025
Reporting Year	2025
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	29-11-2025
RO/SRO Name	Shri Senthil Kumar Sampath
RO/SRO Email	agmu156@ifs.nic.in
State	ODISHA
RO/SRO Office Address	Integrated Regional Offices, Bhubaneswar
Note:- SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, ODISHA with Notification to Project Proponent.	

*Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalinganar
Industrial Complex, Tehsil-Danagadi, Dist-Jajpur, Odisha-755026*

Sagar Cements Limited

1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
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6	The Project proponent shall submit the environmental statement for the financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted and being complied. We have submitted the Form -V for this financial year. Ref. No. SCL/ENV/ES/2025/22 Date: 25.08.2025
7	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied. Project completed, all financial closure details submitted. Also enclosing the 'date of financial closure' (Annexure - 9) and final approval - consent to operate dated 08.02.2022 (Annexure - 10).
8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted & being complied. We are bound to the conditions imposed by the Board and its amendments thereof towards improving the quality of environment.
9	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Complied. We are stick to the EIA/EMP report and the commitments given at the time of Public hearing.
10	No Further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).	Noted for compliance. We are abide by the conditions imposed in the consent order and information proved and there is no change in the scope of work or technology employed. If any we will intimate to the Board and act accordingly by the instructions of the Board.
11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection)Act, 1986.	Noted for compliance. We are abide by the law.
12	The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted for compliance. We are bound to the condition imposed in the Consent order and its amendments issued by the Board.

Sagar Cements Limited

- 1) Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019 and
2) Amendment in environmental Clearance Letter No. SIA/OR/IND1/543874/2025 dated
01/11/2025

Portland Slag cement (PSC), pozzolana Portland cement (PPC), Portland composite cement (PCC), ordinary Portland cement (OPC) & Granulated Ground Blast furnace Slag (GGBS)	Quantity 1.5 Million TPA
--	--------------------------

13	The SEIAA, Odisha reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.	Noted for compliance. We are bound to the condition imposed in the Consent order and its amendments issued by the Board.
14	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Noted for compliance. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023 and the management is very cooperative to the inspecting officer and furnish the appropriate information & reports at the time of inspection.
15	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016 and the public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted for compliance. We are abiding by the law.
16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

for: Sagar Cements Limited.


(I. P. Srivastava)
General Manager (Works)



Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalinganar
Industrial Complex, Tehsil-Danagadi, Dist-Jajpur, Odisha-755026

Annexure-IV



NAME OF THE PLANT: SAGAR CEMENT

MONTH: DECEMBER 2025

DESCRIPTION OF WORK: FUGITIVE EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/517/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Suspended Particulate Matter		
Sample Registration No.	009	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	22.12.2025 - 23.12.2025	Time of Sample Collection	-
Start Date of Analysis	24.12.2025	End Date of Analysis	25.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/517/12/2025
	Humidity: 62%		
Parameters		Suspended Particulate Matter (SPM) µg/m ³	
PROTOCOL		IS:5182(Part-4)	
Limits of Detection		5-1000	
Limit as per National Ambient Air Quality Standards		-	
Sl. No.	Sampling Date	Results	
1.	22.12.2025	487.7	

Note- Stander As per the CTO Norms of the plant.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/518/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Suspended Particulate Matter		
Sample Registration No.	009	Name of Location	Near by RMH
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	24.12.2025 – 25.12.2025	Time of Sample Collection	-
Start Date of Analysis	26.12.2025	End Date of Analysis	2712.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/518/12/2025
	Humidity: 62%		

Parameters		Suspended Particulate Matter (SPM) µg/m ³
PROTOCOL		IS:5182(Part-4)
Limits of Detection		5-1000
Limit as per National Ambient Air Quality Standards		-
Sl. No.	Sampling Date	Results
1.	24.12.2025	420.8

Note- Stander As per the CTO Norms of the plant.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/519/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Suspended Particulate Matter		
Sample Registration No.	009	Name of Location	Near by flyash handling parking plant
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	26.12.2025 - 27.12.2025	Time of Sample Collection	-
Start Date of Analysis	28.12.2025	End Date of Analysis	29.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/519/12/2025
	Humidity: 62%		

Parameters		Suspended Particulate Matter (SPM) µg/m ³
PROTOCOL		IS:5182(Part-4)
Limits of Detection		5-1000
Limit as per National Ambient Air Quality Standards		-
Sl. No.	Sampling Date	Results
1.	26.12.2025	458.9

Note- Stander As per the CTO Norms of the plant.

Verified By


Technical Manager

Authorized By


Quality Manager




NAME OF THE PLANT: SAGAR CEMENT

MONTH: MARCH 2026

DESCRIPTION OF WORK: FUGITIVE EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME& ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/669/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Suspended Particulate Matter		
Sample Registration No.	012	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	12.03.2026 - 13.03.2026	Time of Sample Collection	-
Start Date of Analysis	14.03.2026	End Date of Analysis	15.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/669/03/2026
	Humidity: 62%		
Parameters		Suspended Particulate Matter (SPM) µg/m ³	
PROTOCOL		IS:5182(Part-4)	
Limits of Detection		5-1000	
Limit as per National Ambient Air Quality Standards		-	
Sl. No.	Sampling Date	Results	
1.	11.03.2026	502.1	

Note- Stander As per the CTO Norms of the plant.

Verified by


 Technical Manager

Authorized By


 Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME& ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/670/03/2026
		Issue Date of Test Report	02.01.2026
Type of Sample	Suspended Particulate Matter		
Sample Registration No.	012	Name of Location	Near by RMH
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	12.03.2026 - 13.03.2026	Time of Sample Collection	-
Start Date of Analysis	14.03.2026	End Date of Analysis	15.03.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/670/03/2026
	Humidity: 62%		

Parameters		Suspended Particulate Matter (SPM) µg/m ³
PROTOCOL		IS:5182(Part-4)
Limits of Detection		5-1000
Limit as per National Ambient Air Quality Standards		-
Sl. No.	Sampling Date	Results
1.	11.03.2026	442.6

Note- Stander As per the CTO Norms of the plant.

Verified by


 Technical Manager

Authorized By


 Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME& ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/671/03/2026
		Issue Date of Test Report	02.01.2026
Type of Sample	Suspended Particulate Matter		
Sample Registration No.	012	Name of Location	Near by flyash handling parking plant
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	12.03.2026 - 13.03.2026	Time of Sample Collection	-
Start Date of Analysis	14.03.2026	End Date of Analysis	15.03.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/671/03/2026
	Humidity: 62%		

Parameters	Suspended Particulate Matter (SPM) µg/m ³	
PROTOCOL	IS:5182(Part-4)	
Limits of Detection	5-1000	
Limit as per National Ambient Air Quality Standards	-	
Sl. No.	Sampling Date	Results
1.	11.03.2026	472.5

Note- Stander As per the CTO Norms of the plant.

Verified by


Technical Manager

Authorized By


Quality Manager

Annexure-V



NAME OF THE PLANT: SAGAR CEMENT

MONTH: OCTOBER 2025

**DESCRIPTION OF WORK: AMBIENT AIR IN LEASE ZONE
05 PARAMETERS**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/007/343-351/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	007	Name of Location	Near Plant Main Gate Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.10.2025 - 31.10.2025	Time of Sample Collection	-
Start Date of Analysis	05.10.2025	End Date of Analysis	01.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/343-351/10/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.10.2025	42.7	22.2	9.6	11.9	0.42
2.	04.10.2025	40.9	22.4	13.0	15.9	0.38
3.	08.10.2025	48.7	21.8	12.1	10.5	0.40
4.	09.10.2025	55.6	24.0	13.2	17.3	0.47
5.	13.10.2025	58.0	23.6	15.1	16.3	0.43
6.	14.10.2025	66.0	28.3	14.9	14.1	0.46
7.	22.10.2025	50.6	21.5	13.7	16.6	0.41
8.	23.10.2025	60.3	23.2	10.6	15.9	0.46
9.	30.10.2025	44.5	21.8	14.9	16.2	0.40
Monthly Average		51.9	23.2	13.0	15.0	0.43

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.10.2025
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.10.2025

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/OS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/007/352-360/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	007	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.10.2025 - 31.10.2025	Time of Sample Collection	-
Start Date of Analysis	05.10.2025	End Date of Analysis	01.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/352-360/10/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.10.2025	48.4	22.3	14.5	18.2	0.46
2.	04.10.2025	46.7	20.6	13.0	16.5	0.41
3.	08.10.2025	48.0	21.6	13.5	16.2	0.48
4.	09.10.2025	55.7	23.3	11.1	12.8	0.40
5.	13.10.2025	60.9	23.7	14.7	15.6	0.50
6.	14.10.2025	64.7	23.4	12.0	16.8	0.44
7.	22.10.2025	61.8	23.5	14.1	13.8	0.42
8.	23.10.2025	66.2	23.1	12.3	16.1	0.48
9.	30.10.2025	44.3	19.0	12.7	13.1	0.43
Monthly Average		55.2	22.3	13.1	15.5	0.45

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	30.10.2025
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	30.10.2025

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/007/361-369/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	007	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.10.2025 - 31.10.2025	Time of Sample Collection	-
Start Date of Analysis	05.10.2025	End Date of Analysis	01.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/361-369/10/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.10.2025	44.8	20.9	12.9	17.9	0.43
2.	04.10.2025	51.6	22.4	12.7	15.8	0.42
3.	08.10.2025	48.4	20.7	14.4	13.3	0.44
4.	09.10.2025	55.3	21.5	12.6	16.7	0.41
5.	13.10.2025	67.5	28.5	14.2	18.6	0.48
6.	14.10.2025	70.4	31.1	16.8	15.6	0.43
7.	22.10.2025	63.7	20.5	14.7	17.3	0.43
8.	23.10.2025	63.8	20.7	12.5	17.5	0.48
9.	30.10.2025	43.3	20.4	13.1	17.9	0.41
Monthly Average		56.5	23.0	13.8	16.7	0.44

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.10.2025
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.10.2025

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/007/370-378/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	007	Name of Location	Near Truck Tippler Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.10.2025 - 31.10.2025	Time of Sample Collection	-
Start Date of Analysis	05.10.2025	End Date of Analysis	01.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/370-378/10/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.10.2025	44.2	19.8	14.0	15.3	0.42
2.	04.10.2025	50.9	22.7	13.4	16.0	0.42
3.	08.10.2025	48.7	20.1	12.4	16.2	0.42
4.	09.10.2025	54.3	23.9	13.5	18.1	0.41
5.	13.10.2025	62.0	28.5	14.2	16.2	0.44
6.	14.10.2025	68.3	26.4	13.3	15.5	0.46
7.	22.10.2025	66.8	20.2	12.6	18.3	0.43
8.	23.10.2025	63.7	24.7	12.9	15.9	0.42
9.	30.10.2025	42.9	19.5	12.5	10.8	0.40
Monthly Average		55.8	22.9	13.2	15.8	0.42

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM 460 (231G24)	30.10.2025
Fine Particulate sampler	Envirotech APM MMFC 550 (352H24)	30.10.2025

Opinion/Observation: Analyzed parameters in above tested samples are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

B-1/A,
Second Floor,
Sector-II, Mirzapur,
Dist. Lucknow
U.P. 226 021



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

AMBIENT AIR IN LEASE ZONE

05 PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/397-405/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Near Plant Main Gate Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	02.11.2025 - 28.11.2025	Time of Sample Collection	-
Start Date of Analysis	03.11.2025	End Date of Analysis	30.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/397-405/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	01.11.2025	61.9	24.1	14.3	17.5	0.50
2.	03.11.2025	63.2	28.4	15.4	19.0	0.54
3.	04.11.2025	70.0	30.3	18.1	22.1	0.58
4.	11.11.2025	63.0	31.0	14.3	18.8	0.52
5.	12.11.2025	58.8	27.2	12.4	15.7	0.48
6.	19.11.2025	64.2	36.0	14.8	18.6	0.53
7.	20.11.2025	69.3	33.6	16.5	17.1	0.56
8.	26.11.2025	72.9	30.3	18.1	22.8	0.60
9.	27.11.2025	68.3	32.1	16.3	19.6	0.57
Monthly Average		65.7	30.3	15.6	19.0	0.54

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

 Technical Manager
 (Vikas Kumar)

Authorized By

 Quality Manager
 (Dr. Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/406-414/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	02.11.2025 - 28.11.2025	Time of Sample Collection	-
Start Date of Analysis	03.11.2025	End Date of Analysis	30.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/406-414/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	01.11.2025	68.6	26.4	15.9	22.9	0.63
2.	03.11.2025	65.6	31.2	15.5	20.2	0.59
3.	04.11.2025	69.1	30.8	17.2	20.7	0.63
4.	11.11.2025	71.0	34.2	16.6	23.7	0.60
5.	12.11.2025	72.1	30.9	16.5	20.8	0.66
6.	19.11.2025	71.2	32.9	17.6	19.7	0.64
7.	20.11.2025	71.3	34.1	15.5	20.1	0.65
8.	26.11.2025	68.4	29.6	17.2	18.7	0.62
9.	27.11.2025	69.3	27.1	17.3	18.2	0.63
Monthly Average		69.6	30.8	16.6	20.3	0.63

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	28.11.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

(Signature)
Technical Manager
 (Vikas Kumar)

Authorized By

(Signature)
Quality Manager
 (Dr. Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/415-423/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	02.11.2025 - 28.11.2025	Time of Sample Collection	-
Start Date of Analysis	03.11.2025	End Date of Analysis	30.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/415-423/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	01.11.2025	66.8	29.2	15.5	20.6	0.59
2.	03.11.2025	71.0	30.7	15.0	21.8	0.65
3.	04.11.2025	68.6	26.4	16.6	23.6	0.61
4.	11.11.2025	68.0	27.0	16.0	23.4	0.62
5.	12.11.2025	70.8	31.7	16.4	18.4	0.64
6.	19.11.2025	72.3	30.9	17.1	23.8	0.66
7.	20.11.2025	66.9	29.1	17.6	23.5	0.58
8.	26.11.2025	69.9	30.6	17.9	23.8	0.63
9.	27.11.2025	72.5	33.8	18.0	19.5	0.61
Monthly Average		69.6	29.9	16.7	22.0	0.62

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Vikas Kumar
Technical Manager
 (Vikas Kumar)

Authorized By

Dr. Abhishek Kumar Singh
Quality Manager
 (Dr. Abhishek Kumar Singh)



TEST REPORT


FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/424-432/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Near Truck Tippler Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	01.11.2025 - 28.11.2025	Time of Sample Collection	-
Start Date of Analysis	03.11.2025	End Date of Analysis	30.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/424-432/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	01.11.2025	56.3	26.4	14.4	17.5	0.53
2.	03.11.2025	70.6	34.9	16.4	20.8	0.61
3.	04.11.2025	68.4	30.7	15.0	21.2	0.58
4.	11.11.2025	61.3	22.5	16.1	19.5	0.55
5.	12.11.2025	57.1	26.3	15.4	20.0	0.54
6.	19.11.2025	59.5	26.1	17.7	17.5	0.53
7.	20.11.2025	59.1	24.9	14.3	20.3	0.54
8.	26.11.2025	56.8	23.4	16.1	19.9	0.50
9.	27.11.2025	61.8	23.3	14.8	19.5	0.56
Monthly Average		61.2	26.5	15.6	19.6	0.55

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM 460 (231G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (352H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested samples are within standard limit as per NAAQMS Guidelines.

Verified By

 Technical Manager
 (Vikas Kumar)

Authorized By

 Quality Manager
 (Dr. Abhishek Kumar Singh)





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

AMBIENT AIR IN LEASE ZONE

O₂ PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/433-441/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	01.11.2025 - 28.11.2025	Time of Sample Collection	-
Start Date of Analysis	03.11.2025	End Date of Analysis	30.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/433-441/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)
Limits of Detection	10-1000	10-1000
Limit as per National Ambient Air Quality Standards	100	60
S. No.	Sampling Date	Results
1	05.11.2025	70.2 / 30.1
2.	06.11.2025	66.3 / 26.2
3.	13.11.2025	65.4 / 27.7
4.	14.11.2025	68.2 / 30.4
5.	21.11.2025	67.6 / 25.3
6.	22.11.2025	64.5 / 27.4
7.	28.11.2025	67.1 / 28.6
8.	29.11.2025	70.4 / 30.0
Monthly Average	66.8	27.7

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust Sampler	RDS 9000 (030825)	28.11.2026
Fine Particulate Sampler	Envirotech APM 550 (1086-DTB-2012)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Vikas Kumar
 Technical Manager
 (Vikas Kumar)

Authorized By

Dr. Abhishhek Kumar Singh
 Quality Manager
 (Dr. Abhishhek Kumar Singh)





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

AMBIENT AIR IN BUFFER ZONE

04 PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

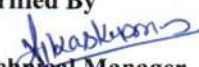
FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/442/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Chandia village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	21.11.2025	Time of Sample Collection	-
Start Date of Analysis	22.11.2025	End Date of Analysis	23.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/442/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	20.11.2025	58.3	20.2	10.6	13.1

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

 Technical Manager
 (Vikas Kumar)

Authorized By

 Quality Manager
 (Dr. Abhishek Kumar Singh)



TEST REPORT

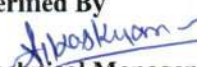
FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/443/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Jakhapura village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	21.11.2025	Time of Sample Collection	-
Start Date of Analysis	22.11.2025	End Date of Analysis	23.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/443/11/2025
	Humidity: 62%		

cc	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	20.11.2025	60.4	26.7	11.4	15.9

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	30.09.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

 Technical Manager
 (Vikas Kumar)

Authorized By

 Quality Manager
 (Dr. Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/008/444/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Air Sample		
Sample Registration No.	008	Name of Location	Ravana Village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	21.11.2025	Time of Sample Collection	-
Start Date of Analysis	22.11.2025	End Date of Analysis	23.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECO/LAB/444/11/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	20.11.2025	55.7	22.4	10.2	14.3

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


 Technical Manager
 (Vikas Kumar)

Authorized By


 Quality Manager
 (Dr. Abhishek Kumar Singh)




NAME OF THE PLANT: SAGAR CEMENT

MONTH: DECEMBER 2025

**DESCRIPTION OF WORK: AMBIENT AIR IN LEASE ZONE
05 PARAMETERS**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/457-465/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Near Plant Main Gate Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.12.2025 - 31.12.2025	Time of Sample Collection	-
Start Date of Analysis	04.12.2025	End Date of Analysis	31.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 26 ±2 °C	Sample ID Code	ECO/LAB/457-465/12/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.12.2025	53.3	17.7	12.0	15.4	0.41
2.	03.12.2025	54.7	20.0	14.7	15.3	0.41
3.	10.12.2025	49.1	19.9	12.6	14.3	0.43
4.	11.12.2025	54.5	22.0	12.6	18.1	0.41
5.	16.12.2025	48.2	15.4	14.5	15.7	0.43
6.	17.12.2025	56.7	21.5	12.2	14.1	0.42
7.	26.12.2025	56.4	22.8	14.5	17.5	0.42
8.	27.12.2025	50.5	20.3	14.7	15.7	0.41
9.	30.12.2025	55.4	19.8	13.5	18.3	0.40
Monthly Average		53.2	19.9	13.5	16.0	0.42

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/466-474/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.12.2025 - 31.12.2025	Time of Sample Collection	-
Start Date of Analysis	04.12.2025	End Date of Analysis	31.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/466-474/12/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.12.2025	56.8	23.1	12.8	15.8	0.44
2.	03.12.2025	57.2	20.1	14.5	15.1	0.40
3.	10.12.2025	50.5	19.2	14.9	16.4	0.41
4.	11.12.2025	57.5	24.3	14.1	15.5	0.40
5.	16.12.2025	54.0	17.1	13.6	17.9	0.42
6.	17.12.2025	57.2	21.3	13.8	17.4	0.42
7.	26.12.2025	58.2	25.7	14.5	17.3	0.43
8.	27.12.2025	49.1	18.9	13.7	16.5	0.42
9.	30.12.2025	51.7	21.1	12.8	16.8	0.43
Monthly Average		54.7	21.2	13.9	16.5	0.42

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	28.11.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

B-1/4,
Second Floor,
Sardar H. Aligadi,
Dist. Lucknow

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA009/475-483/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.12.2025 - 31.12.2025	Time of Sample Collection	-
Start Date of Analysis	04.12.2025	End Date of Analysis	31.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/475-483/12/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO _x) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.12.2025	52.1	22.6	14.3	15.4	0.43
2.	03.12.2025	55.1	20.8	13.1	14.2	0.42
3.	10.12.2025	47.2	19.8	14.5	17.1	0.41
4.	11.12.2025	55.9	19.5	13.2	17.0	0.42
5.	16.12.2025	52.3	21.0	12.2	18.7	0.41
6.	17.12.2025	56.0	22.7	13.6	17.3	0.42
7.	26.12.2025	61.2	25.5	14.6	16.9	0.41
8.	27.12.2025	55.9	20.5	14.4	16.1	0.41
9.	30.12.2025	61.5	26.7	12.3	16.0	0.40
Monthly Average		55.2	22.1	13.6	16.5	0.41

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

B-1/4,
Second Floor,
Sector II, Aliganj,
Dist. Lucknow

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/484-492/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Near Truck Tippler Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.12.2025 - 31.12.2025	Time of Sample Collection	-
Start Date of Analysis	04.12.2025	End Date of Analysis	31.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECOLAB/484-492/12/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.12.2025	50.8	21.4	13.2	15.7	0.40
2.	03.12.2025	48.9	18.9	13.3	18.0	0.38
3.	10.12.2025	49.1	20.2	14.8	18.5	0.40
4.	11.12.2025	55.7	21.1	14.0	16.6	0.41
5.	16.12.2025	52.8	20.3	13.6	18.7	0.41
6.	17.12.2025	55.5	21.9	14.0	17.9	0.43
7.	26.12.2025	52.3	21.3	14.3	16.0	0.43
8.	27.12.2025	58.6	24.2	14.2	15.6	0.40
9.	30.12.2025	54.2	17.6	13.5	17.4	0.42
Monthly Average		53.1	20.8	13.9	17.2	0.41

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM 460 (231G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (352H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested samples are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

DECEMBER 2025

DESCRIPTION OF WORK:

AMBIENT AIR IN BUFFER ZONE

04 PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/502/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Chandia village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	28.12.2025	Time of Sample Collection	-
Start Date of Analysis	29.12.2025	End Date of Analysis	30.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/502/12/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	27.12.2025	51.4	20.1	12.3	16.2

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/503/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Jakhapura village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	27.12.2025	Time of Sample Collection	-
Start Date of Analysis	28.12.2025	End Date of Analysis	30.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/503/12/2025
	Humidity: 62%		

cc	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	26.12.2025	48.1	18.3	13.5	16.2

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	30.09.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/009/504/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	009	Name of Location	Ravana Village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	27.12.2025	Time of Sample Collection	-
Start Date of Analysis	28.12.2025	End Date of Analysis	30.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/504/12/2025
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	26.12.2025	52.6	20.2	12.1	13.3

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


Technical Manager

Authorized By


Quality Manager




NAME OF THE PLANT: SAGAR CEMENT

MONTH: JANUARY 2026

**DESCRIPTION OF WORK: AMBIENT AIR IN LEASE ZONE
05 PARAMETERS**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/520-528/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Near Plant Main Gate Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.01.2026 - 29.01.2026	Time of Sample Collection	-
Start Date of Analysis	05.01.2026	End Date of Analysis	31.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 26 ±2 °C	Sample ID Code	ECO/LAB/520-528/01/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.01.2026	54.5	22.4	12.1	16.8	0.52
2.	06.01.2026	58.6	27.8	14.2	17.7	0.48
3.	07.01.2026	52.9	21.6	12.6	16.1	0.49
4.	12.01.2026	61.1	26.3	13.4	19.4	0.58
5.	13.01.2026	60.4	24.6	12.9	16.0	0.56
6.	21.01.2026	53.3	20.8	12.1	15.9	0.50
7.	22.01.2026	59.5	23.4	11.4	17.6	0.51
8.	27.01.2026	54.9	21.2	12.3	16.5	0.49
9.	28.01.2026	60.2	24.3	13.9	18.5	0.57
Monthly Average		57.3	23.6	12.8	17.2	0.52

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/529-537/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.01.2026 - 29.01.2026	Time of Sample Collection	-
Start Date of Analysis	05.01.2026	End Date of Analysis	31.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/529-537/01/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.01.2026	58.1	20.1	12.6	16.1	0.51
2.	06.01.2026	58.9	21.3	12.9	16.4	0.52
3.	07.01.2026	59.5	22.7	13.7	17.3	0.52
4.	12.01.2026	62.9	24.2	14.6	18.6	0.51
5.	13.01.2026	60.4	23.9	15.9	17.4	0.56
6.	21.01.2026	56.3	19.9	12.0	17.2	0.49
7.	22.01.2026	59.5	23.2	13.7	17.6	0.53
8.	27.01.2026	53.5	18.5	12.0	16.1	0.48
9.	28.01.2026	61.4	24.8	14.5	18.5	0.52
Monthly Average		58.9	22.1	13.5	17.2	0.52

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	28.11.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

B-1/4,
Second Floor,
Sardar H. Aligadi,
Dist. Lucknow

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/538-546/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.01.2026 - 29.01.2026	Time of Sample Collection	-
Start Date of Analysis	05.01.2026	End Date of Analysis	31.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/538-546/01/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.01.2026	55.1	19.8	11.1	17.3	0.57
2.	06.01.2026	57.5	23.4	12.6	17.5	0.57
3.	07.01.2026	58.6	24.7	12.0	16.7	0.54
4.	12.01.2026	60.1	25.2	13.7	18.2	0.58
5.	13.01.2026	62.0	24.5	14.0	19.6	0.59
6.	21.01.2026	53.9	19.6	12.1	15.4	0.53
7.	22.01.2026	55.3	20.3	13.2	17.8	0.54
8.	27.01.2026	61.2	28.2	14.7	18.9	0.56
9.	28.01.2026	56.4	23.6	12.0	15.1	0.50
Monthly Average		57.8	23.3	12.8	17.4	0.55

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

B-1/4,
Second Floor,
Sector II, Aliganj,
Dist. Lucknow

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/547-555/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Near Truck Tippler Boundary Wall
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	04.01.2026 - 29.01.2026	Time of Sample Collection	-
Start Date of Analysis	05.01.2026	End Date of Analysis	31.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECOLAB/547-555/01/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	03.01.2026	48.3	18.2	12.6	16.8	0.49
2.	06.01.2026	52.1	21.6	14.1	18.6	0.53
3.	07.01.2026	50.5	19.5	13.2	17.3	0.52
4.	12.01.2026	47.2	18.3	12.9	16.6	0.54
5.	13.01.2026	53.6	22.7	14.4	18.6	0.56
6.	21.01.2026	57.2	25.0	14.8	17.9	0.50
7.	22.01.2026	49.7	18.5	12.0	16.0	0.48
8.	27.01.2026	53.3	20.1	13.4	17.4	0.52
9.	28.01.2026	51.6	22.0	13.9	17.7	0.56
Monthly Average		51.5	20.7	13.5	17.4	0.52

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM 460 (231G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (352H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested samples are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

JANUARY 2026

DESCRIPTION OF WORK:

AMBIENT AIR IN BUFFER ZONE

04 PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/556/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Chandia village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	10.01.2026	Time of Sample Collection	-
Start Date of Analysis	11.01.2026	End Date of Analysis	12.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/556/01/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	09.01.2026	53.2	24.5	10.4	14.3

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/557/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Jakhapura village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	10.01.2026	Time of Sample Collection	-
Start Date of Analysis	11.01.2026	End Date of Analysis	12.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/557/01/2026
	Humidity: 62%		

cc	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)
Limits of Detection	10-1000	10-1000	5-200	5-200
Limit as per National Ambient Air Quality Standards	100	60	80	80
S. No.	Sampling Date	Results		
1.	09.01.2026	49.7	20.5	12.2
				17.4

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	30.09.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/010/558/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	010	Name of Location	Ravana Village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	10.01.2026	Time of Sample Collection	-
Start Date of Analysis	11.01.2026	End Date of Analysis	12.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/558/01/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	09.01.2026	53.5	21.7	13.6	16.5

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


Technical Manager

Authorized By


Quality Manager




NAME OF THE PLANT: SAGAR CEMENT

MONTH: FEBRUARY 2026

**DESCRIPTION OF WORK: AMBIENT AIR IN LEASE ZONE
05 PARAMETERS**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/571-578/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Near Plant Main Gate Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	05.02.2026 - 27.02.2026	Time of Sample Collection	-
Start Date of Analysis	06.02.2026	End Date of Analysis	28.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 26 ±2 °C	Sample ID Code	ECO/LAB/571-578/02/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	04.02.2026	59.2	23.8	12.9	16.5	0.52
2.	05.02.2026	63.8	27.6	14.7	18.9	0.58
3.	13.02.2026	57.6	24.9	12.4	15.5	0.49
4.	14.02.2026	58.5	26.4	13.2	16.3	0.52
5.	20.02.2026	61.5	28.0	13.6	16.7	0.56
6.	21.02.2026	58.3	23.5	12.8	16.0	0.51
7.	25.02.2026	51.6	19.0	10.7	14.5	0.44
8.	26.02.2026	54.2	19.7	13.2	18.8	0.49
Monthly Average		58.1	24.1	12.9	16.7	0.51

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/579-586/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	05.02.2026 - 27.02.2026	Time of Sample Collection	-
Start Date of Analysis	06.02.2026	End Date of Analysis	28.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/579-586/02/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	04.02.2026	61.9	25.5	13.3	16.2	0.56
2.	05.02.2026	66.8	29.0	14.7	17.4	0.58
3.	13.02.2026	58.9	23.6	12.8	18.5	0.53
4.	14.02.2026	62.3	24.8	13.3	17.3	0.55
5.	20.02.2026	64.0	27.9	14.6	18.7	0.57
6.	21.02.2026	60.5	22.4	13.2	16.3	0.51
7.	25.02.2026	53.2	20.8	11.4	15.1	0.44
8.	26.02.2026	55.9	22.1	12.3	16.5	0.47
Monthly Average		60.4	24.5	13.2	17.0	0.53

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	28.11.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/587-594/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	05.02.2026 - 27.02.2026	Time of Sample Collection	-
Start Date of Analysis	06.02.2026	End Date of Analysis	28.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/587-594/02/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	04.02.2026	56.7	21.4	12.7	16.3	0.41
2.	05.02.2026	60.4	27.1	13.6	17.9	0.55
3.	13.02.2026	57.1	25.8	13.1	16.9	0.50
4.	14.02.2026	55.6	24.4	12.3	18.3	0.48
5.	20.02.2026	56.2	22.0	12.7	15.5	0.46
6.	21.02.2026	59.4	24.8	12.8	17.4	0.48
7.	25.02.2026	52.8	18.7	11.6	16.0	0.45
8.	26.02.2026	51.2	20.2	11.1	15.1	0.42
Monthly Average		56.2	23.1	12.5	16.7	0.47

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

B-1/4,
Second Floor,
Sardar H. Aligaj,
Dist. Lucknow

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/585-602/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Near Truck Tippler Boundary Wall
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	05.02.2026 - 27.02.2026	Time of Sample Collection	-
Start Date of Analysis	06.02.2026	End Date of Analysis	28.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECOLAB/585-602/02/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limit as per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	04.02.2026	49.3	20.0	11.8	15.9	0.47
2.	05.02.2026	52.6	21.2	12.4	16.3	0.48
3.	13.02.2026	55.9	24.0	13.6	18.2	0.52
4.	14.02.2026	51.6	21.8	12.2	16.1	0.45
5.	20.02.2026	53.7	22.1	13.0	17.4	0.48
6.	21.02.2026	54.6	23.4	12.4	15.7	0.46
7.	25.02.2026	47.4	19.5	11.5	15.5	0.45
8.	26.02.2026	45.8	17.8	11.2	15.6	0.43
Monthly Average		51.4	21.2	12.3	16.3	0.47

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM 460 (231G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (352H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested samples are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

FEBRUARY 2026

DESCRIPTION OF WORK:

AMBIENT AIR IN BUFFER ZONE

04 PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/603/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Chandia village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	17.02.2026	Time of Sample Collection	-
Start Date of Analysis	18.02.2026	End Date of Analysis	19.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/603/02/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)
Limits of Detection	10-1000	10-1000	5-200	5-200
Limit as per National Ambient Air Quality Standards	100	60	80	80
S. No.	Sampling Date	Results		
1.	16.02.2026	52.8	20.3	12.0
				16.0

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By


Technical Manager

Authorized By


Quality Manager



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/604/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Jakhapura village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	17.02.2026	Time of Sample Collection	-
Start Date of Analysis	18.02.2026	End Date of Analysis	19.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/604/02/2026
	Humidity: 62%		

cc	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)
Limits of Detection	10-1000	10-1000	5-200	5-200
Limit as per National Ambient Air Quality Standards	100	60	80	80
S. No.	Sampling Date	Results		
1.	16.02.2026	55.7	23.5	12.2
				15.6

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	30.09.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/011/605/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	011	Name of Location	Ravana Village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	17.02.2026	Time of Sample Collection	-
Start Date of Analysis	18.02.2026	End Date of Analysis	19.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/605/02/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)
Limits of Detection	10-1000	10-1000	5-200	5-200
Limit as per National Ambient Air Quality Standards	100	60	80	80
S. No.	Sampling Date	Results		
1.	16.02.2026	51.2	21.8	12.4
				17.3

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT: SAGAR CEMENT

MONTH: MARCH 2026

**DESCRIPTION OF WORK: AMBIENT AIR IN LEASE ZONE
05 PARAMETERS**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME&ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/618-626/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Near Plant Main Gate Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.03.2026 - 31.03.2026	Time of Sample Collection	-
Start Date of Analysis	04.03.2026	End Date of Analysis	31.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 26 ±2 °C	Sample ID Code	ECOLAB/618-626/03/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limitas per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.03.2026	55.7	22.4	12.1	16.0	0.46
2.	03.03.2026	60.0	24.8	13.2	18.1	0.52
3.	09.03.2026	63.6	26.8	14.2	17.2	0.58
4.	10.03.2026	64.2	25.9	13.0	17.6	0.59
5.	16.03.2026	61.9	24.8	15.2	16.9	0.58
6.	17.03.2026	55.9	22.6	12.8	14.9	0.54
7.	24.03.2026	50.8	20.5	12.4	14.0	0.46
8.	25.03.2026	60.2	22.4	13.1	17.9	0.58
9.	30.03.2026	59.4	21.3	12.8	17.5	0.56
Monthly Average		59.1	23.5	13.2	16.7	0.54

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified by

(Signature)
Technical Manager

Authorized By
(Signature)
Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME&ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/627-635/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Near Cement Mill Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.03.2026 – 31.03.2026	Time of Sample Collection	-
Start Date of Analysis	04.03.2026	End Date of Analysis	31.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECOLAB/627-635/03/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limitas per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.03.2026	63.1	28.2	14.0	17.5	0.50
2.	03.03.2026	61.8	27.6	15.2	19.3	0.60
3.	09.03.2026	59.3	24.5	12.2	16.9	0.50
4.	10.03.2026	60.9	26.7	13.0	17.8	0.51
5.	16.03.2026	55.5	24.8	15.8	18.2	0.55
6.	17.03.2026	61.8	24.8	13.7	17.8	0.52
7.	24.03.2026	58.8	24.5	12.6	16.8	0.48
8.	25.03.2026	62.4	26.2	12.8	15.9	0.48
9.	30.03.2026	60.2	24.5	13.4	16.5	0.51
Monthly Average		60.4	25.8	13.6	17.4	0.52

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	28.11.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified by

(Signature)
Technical Manager

Authorized By

(Signature)
Quality Manager



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME&ADDRESS OF CUSTOMER:	M/SSagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA012/636-644/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Near Hopper Building Area
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.03.2026 – 31.03.2026	Time of Sample Collection	-
Start Date of Analysis	04.03.2026	End Date of Analysis	31.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECOLAB/636-644/03/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limitas per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.03.2026	60.9	28.4	13.2	17.2	0.49
2.	03.03.2026	63.2	27.8	14.6	19.2	0.54
3.	09.03.2026	58.7	23.8	12.9	16.1	0.51
4.	10.03.2026	59.2	26.2	13.2	18.9	0.54
5.	16.03.2026	53.9	22.2	12.2	14.8	0.48
6.	17.03.2026	59.4	24.8	12.8	17.4	0.48
7.	24.03.2026	56.5	20.6	12.3	16.2	0.46
8.	25.03.2026	51.9	22.5	13.1	15.9	0.50
9.	30.03.2026	56.4	24.7	14.2	16.8	0.55
Monthly Average		57.8	24.6	13.2	16.9	0.51

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified by

Technical Manager

Authorized By

Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA012/645-653/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Near Truck Tippler Boundary Wall
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	03.03.2026 - 31.03.2026	Time of Sample Collection	-
Start Date of Analysis	04.03.2026	End Date of Analysis	31.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2 °C	Sample ID Code	ECOLAB/645-653/03/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Sulphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO _x) µg/m ³	Carbon mono-oxides as CO mg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	IS:5182(Part-10)	
Limits of Detection	10-1000	10-1000	5-200	5-200	0.1-100	
Limitas per National Ambient Air Quality Standards	100	60	80	80	4	
S. No.	Sampling Date	Results				
1.	02.03.2026	50.2	18.9	12.1	16.3	0.45
2.	03.03.2026	55.6	20.9	13.0	15.8	0.47
3.	09.03.2026	57.8	22.0	13.0	17.8	0.50
4.	10.03.2026	52.4	21.8	11.9	15.4	0.48
5.	16.03.2026	49.7	18.1	11.0	14.6	0.44
6.	17.03.2026	46.8	20.4	13.9	15.4	0.48
7.	24.03.2026	50.1	19.8	13.2	16.2	0.50
8.	25.03.2026	48.2	20.1	12.3	15.6	0.46
9.	30.03.2026	54.8	21.4	13.5	17.3	0.52
Monthly Average		51.7	20.4	12.7	16.0	0.48

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM 460 (231G24)	28.11.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (352H24)	28.11.2026

Opinion/Observation: Analyzed parameters in above tested samples are within standard limit as per NAAQMS Guidelines.

Verified by

(Signature)
Technical Manager

Authorized By

(Signature)
Quality Manager





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

AMBIENT AIR IN BUFFER ZONE

04 PARAMETERS



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME&ADDRESS OF CUSTOMER:	M/SSagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/654/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Chandia village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	19.03.2026	Time of Sample Collection	-
Start Date of Analysis	20.03.2026	End Date of Analysis	21.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/654/03/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limit as per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	18.03.2026	50.4	18.6	11.8	13.2

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified by


Technical Manager

Authorized By


Quality Manager



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME&ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/655/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Jakhapura village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	19.03.2026	Time of Sample Collection	-
Start Date of Analysis	20.03.2026	End Date of Analysis	21.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/655/03/2026
	Humidity: 62%		

cc	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)
Limits of Detection	10-1000	10-1000	5-200	5-200
Limitas per National Ambient Air Quality Standards	100	60	80	80
S. No.	Sampling Date	Results		
1.	18.03.2026	52.9	23.2	12.8
				16.1

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS EI-142 (247-A-22)	30.09.2026
Fine Particulate sampler	Envirotech EI-132 (229-A-22)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified by

(Signature)
Technical Manager

Authorized By

(Signature)
Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

NAME&ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AA/012/656/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Air Sample		
Sample Registration No.	012	Name of Location	Ravana Village
Sampling Method	As per Reference Method	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	19.03.2026	Time of Sample Collection	-
Start Date of Analysis	20.03.2026	End Date of Analysis	21.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ±2 °C	Sample ID Code	ECO/LAB/656/03/2026
	Humidity: 62%		

Parameters	Particulate Matter (PM ₁₀) µg/m ³	Particulate Matter (PM _{2.5}) µg/m ³	Suphur Di-oxide (SO ₂) µg/m ³	Nitrogen Oxides (NO ₂) µg/m ³	
PROTOCOL	IS:5182(Part-23)	IS:5182(Part-24)	IS:5182(Part-2)	IS:5182(Part-6)	
Limits of Detection	10-1000	10-1000	5-200	5-200	
Limits per National Ambient Air Quality Standards	100	60	80	80	
S. No.	Sampling Date	Results			
1.	18.03.2026	54.1	20.8	13.1	15.8

Instrument Details		
Instrument Used	Instrument Model	Calibration Due
Respirable Dust sampler	RDS APM-460 (241G24)	30.09.2026
Fine Particulate sampler	Envirotech APM MMFC 550 (353-H24)	30.09.2026

Opinion/Observation: Analyzed parameters in above tested sample are within standard limit as per NAAQMS Guidelines.

Verified by

(Signature)
Technical Manager

Authorized By

(Signature)
Quality Manager





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

AMBIENT AIR IN LEASE ZONE

12 PARAMETERS



ECOMEN MINING PVT. LTD.

Format No: ECO/QS/FORMAT/10

Test Report No: ECO/SC/AAQ/05

Test Report Issue date: 02.04.2026

AMBIENT AIR QUALITY MONITORING 12 PARAMETERS REPORT FOR MARCH

1. Name of Industry : **M/s SAGAR CEMENT LIMITED,
KALINGA NAGAR INDUSTRIAL COMPLEX,
DANAGADI, JAJPUR, ODISHA.**
2. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer (NDIR)
3. Sampling Location : **AAQMS-1: NEAR PLANT MAIN GATE AREA**
4. Sample collected by : Ecomen Mining Team.
5. Date of Sampling : 04.03.2026

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter(PM10) $\mu\text{g}/\text{m}^3$	IS:5182(Part-23)	10-1000	59.0	100
2.	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	IS:5182(Part-24)	10-1000	24.2	60
3.	Suphur Di-oxide(SO ₂) $\mu\text{g}/\text{m}^3$	IS:5182(Part-2)	5-200	13.1	80
4.	Nitrogen Oxides(NO ₂) $\mu\text{g}/\text{m}^3$	IS:5182(Part-6)	5-200	17.9	80
5.	Carbon mono-oxides as CO mg/m ³	IS:5182(Part-10)	0.1-100	0.50	04
6.	Ammonia (NH ₃) $\mu\text{g}/\text{m}^3$	IS 5182:Part 25:2018	2-700	16.12	400
7.	Ozone (O ₃) $\mu\text{g}/\text{m}^3$	IS 5182:Part 9:2019	2-200	12.35	180
8.	Lead (Pb) $\mu\text{g}/\text{m}^3$	IS 5182:Part 22:2019	1-100	<1.0	1.0
9.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	<1.0	06
10.	Nickel (Ni) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
11.	Benzene as C ₆ H ₆ ng/m ³	IS 5182:Part11:2020	1-50	<1.0	5
12.	Benzo (a) Pyrene as BaP ng/m ³	IS 5182:Part11:2020	1-20	<1.0	1

Verified by

 Technical Manager

Authorized By

 Quality Manager

Format No: ECO/QS/FORMAT/10

Test Report No: ECO/SC/AAQ/06

Test Report Issue date: 02.04.2026

AMBIENT AIR QUALITY MONITORING 12 PARAMETERS REPORT FOR MARCH

1. Name of Industry : **M/s SAGAR CEMENT LIMITED,
KALINGA NAGAR INDUSTRIAL COMPLEX,
DANAGADI, JAJPUR, ODISHA.**
2. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer (NDIR)
3. Sampling Location : **AAQMS-2: NEAR CEMENT MILL AREA**
4. Sample collected by : Ecomen Mining Team.
5. Date of Sampling : 12.03.2026

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter(PM10) µg/m ³	IS:5182(Part-23)	10-1000	62.4	100
2.	Particulate Matter (PM2.5) µg/m ³	IS:5182(Part-24)	10-1000	25.6	60
3.	Suphur Di-oxide(SO ₂) µg/m ³	IS:5182(Part-2)	5-200	12.8	80
4.	Nitrogen Oxides(NO ₂) µg/m ³	IS:5182(Part-6)	5-200	17.3	80
5.	Carbon mono-oxides as CO mg/m ³	IS:5182(Part-10)	0.1-100	0.52	04
6.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25:2018	2-700	19.49	400
7.	Ozone (O ₃) µg/m ³	IS 5182:Part 9:2019	2-200	15.7	180
8.	Lead (Pb) µg/m ³	IS 5182:Part 22:2019	1-100	<1.0	1.0
9.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	<1.0	06
10.	Nickel (Ni) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
11.	Benzene as C ₆ H ₆ ng/m ³	IS 5182:Part11:2020	1-50	<1.0	5
12.	Benzo (a) Pyrene as BaP ng/m ³	IS 5182:Part11:2020	1-20	<1.0	1

Verified by


 Technical Manager

Authorized By



Format No: ECO/QS/FORMAT/10

Test Report No: ECO/SC/AAQ/07

Test Report Issue date: 02.04.2026

AMBIENT AIR QUALITY MONITORING 12 PARAMETERS REPORT FOR MARCH

1. Name of Industry : **M/s SAGAR CEMENT LIMITED,
KALINGA NAGAR INDUSTRIAL COMPLEX,
DANAGADI, JAJPUR, ODISHA.**
2. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer (NDIR)
3. Sampling Location : **AAQMS-3: NEAR HOPPER BUILDING AREA**
4. Sample collected by : Ecomen Mining Team.
5. Date of Sampling : 17.03.2026

S. No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter(PM10) µg/m ³	IS:5182(Part-23)	10-1000	55.6	100
2.	Particulate Matter (PM2.5) µg/m ³	IS:5182(Part-24)	10-1000	21.5	60
3.	Suphur Di-oxide(SO ₂) µg/m ³	IS:5182(Part-2)	5-200	12.3	80
4.	Nitrogen Oxides(NO ₂) µg/m ³	IS:5182(Part-6)	5-200	15.2	80
5.	Carbon mono-oxides as CO mg/m ³	IS:5182(Part-10)	0.1-100	0.49	04
6.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25:2018	2-700	16.36	400
7.	Ozone (O ₃) µg/m ³	IS 5182:Part 9:2019	2-200	12.34	180
8.	Lead (Pb) µg/m ³	IS 5182:Part 22:2019	1-100	<1.0	1.0
9.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	<1.0	06
10.	Nickel (Ni) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
11.	Benzene as C ₆ H ₆ ng/m ³	IS 5182:Part11:2020	1-50	<1.0	5
12.	Benzo (a) Pyrene as BaP ng/m ³	IS 5182:Part11:2020	1-20	<1.0	1

Verified by

(Signature)
Technical Manager

Authorized By



Format No: ECO/QS/FORMAT/10

Test Report No: ECO/SC/AAQ/08

Test Report Issue date: 02.04.2026

AMBIENT AIR QUALITY MONITORING 12 PARAMETERS REPORT FOR MARCH

1. Name of Industry : **M/s SAGAR CEMENT LIMITED,
KALINGA NAGAR INDUSTRIAL COMPLEX,
DANAGADI, JAJPUR, ODISHA.**
2. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer (NDIR)
3. Sampling Location : **AAQMS-4: NEAR TRUCK TIPPLER AREA**
4. Sample collected by : Ecomen Mining Team.
5. Date of Sampling : 26.03.2026

S.No.	TEST PARAMETERS	PROTOCOL	DETECTION RANGE	RESULTS	Limit as per National Ambient Air Quality Standards
1.	Particulate Matter(PM10) µg/m ³	IS:5182(Part-23)	10-1000	47.6	100
2.	Particulate Matter (PM2.5) µg/m ³	IS:5182(Part-24)	10-1000	21.3	60
3.	Suphur Di-oxide(SO ₂) µg/m ³	IS:5182(Part-2)	5-200	12.7	80
4.	Nitrogen Oxides(NO ₂) µg/m ³	IS:5182(Part-6)	5-200	15.8	80
5.	Carbon mono-oxides as CO mg/m ³	IS:5182(Part-10)	0.1-100	0.47	04
6.	Ammonia (NH ₃)µg/m ³	IS 5182:Part 25:2018	2-700	15.72	400
7.	Ozone (O ₃) µg/m ³	IS 5182:Part 9:2019	2-200	13.35	180
8.	Lead (Pb) µg/m ³	IS 5182:Part 22:2019	1-100	<1.0	1.0
9.	Arsenic (As) ng/m ³	Lab SOP No.26	1-100	<1.0	06
10.	Nickel (Ni) ng/m ³	IS 5182:Part26:2020	1-100	<1.0	20
11.	Benzene as C ₆ H ₆ ng/m ³	IS 5182:Part11:2020	1-50	<1.0	5
12.	Benzo (a) Pyrene as BaP ng/m ³	IS 5182:Part11:2020	1-20	<1.0	1

Verified by

 Technical Manager

Authorized By



Quality Manager

Annexure-VII



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

OCTOBER 2025

DESCRIPTION OF WORK:

NOISE MONITORING

ECOMEN MINING PVT. LTD.



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/007/388-391/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	007	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	22.10.2025 - 27.10.2025	Time of Sample Collection	-
Start Date of Analysis	28.10.2025	End Date of Analysis	30.10.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/388-391/10/2025
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	L max, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								75 dB(A)	70 dB(A)	
1	06.00 AM	24 Hrs.	Near Plant Main Gate Area	44.7	74.7	62.7	58.6	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Near Cement Mill Area	56.4	73.5	64.2	63.4	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Near Hopper Building Area	54.6	72.6	66.3	63.5	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
4	06.00 AM	24 Hrs.	Near Truck Tippler Area	52.3	70.4	65.1	59.7	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

**NOISE MONITORING
LEASE ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/008/445-448/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	008	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	20.11.2025 - 27.11.2025	Time of Sample Collection	-
Start Date of Analysis	28.11.2025	End Date of Analysis	29.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/445-448/11/2025
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results				Limits as per CPCB		Test Method	
			Location	L min, dB(A)	L max, dB(A)	Leq Day	Leq Night	Day Time		Night Time
								75 dB(A)		70 dB(A)
1	06.00 AM	24 Hrs.	Near Plant Main Gate Area	38.3	70.5	60.6	54.1	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Near Cement Mill Area	56.8	80.3	69.4	59.7	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Near Hopper Building Area	55.4	79.2	68.9	61.5	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
4	06.00 AM	24 Hrs.	Near Truck Tippler Area	48.2	73.1	65.4	54.8	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Vikas Kumar
Technical Manager
 (Vikas Kumar)

Authorized By

Abhishek Kumar Singh
Quality Manager
 (Dr. Abhishek Kumar Singh)





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

**NOISE MONITORING
BUFFER ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/008/449-451/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	008	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	20.11.2025 - 27.11.2025	Time of Sample Collection	-
Start Date of Analysis	28.11.2025	End Date of Analysis	29.11.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/449-451/11/2025
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results				Limits as per CPCB		Test Method	
			Location	L min, dB(A)	L max, dB(A)	Leq Day	Leq Night	Day Time		Night Time
								55 dB(A)		45 dB(A)
1	06.00 AM	24 Hrs.	Chandia Village	34.2	62.4	47.5	36.1	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Jakhpura Village	36.1	68.7	51.2	39.3	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Ravana Village	34.0	63.2	49.3	39.5	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By
(Signature)
Technical Manager
(Vikas Kumar)

Authorized By
(Signature)
Quality Manager
(Dr. Abhishek Kumar Singh)





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

DECEMBER 2025

DESCRIPTION OF WORK:

**NOISE MONITORING
LEASE ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/009/505-508/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	009	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	26.12.2025 - 30.12.2025	Time of Sample Collection	-
Start Date of Analysis	31.12.2025	End Date of Analysis	02.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/505-508/12/2025
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	L max, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								75 dB(A)	70 dB(A)	
1	06.00 AM	24 Hrs.	Near Plant Main Gate Area	40.2	68.3	60.6	54.1	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Near Cement Mill Area	50.6	85.4	66.2	55.6	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Near Hopper Building Area	50.9	80.2	64.5	56.3	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
4	06.00 AM	24 Hrs.	Near Truck Tippler Area	44.6	77.5	68.8	53.7	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

DECEMBER 2025

DESCRIPTION OF WORK:

**NOISE MONITORING
BUFFER ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/009/509-511/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	009	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	26.12.2025 - 29.12.2025	Time of Sample Collection	-
Start Date of Analysis	30.12.2025	End Date of Analysis	31.12.2025
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECOLAB/509-511/12/2025
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	Lmax, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								55 dB(A)	45 dB(A)	
1	06.00 AM	24 Hrs.	Chandia Village	33.8	64.2	49.1	39.5	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Jakhapura Village	37.2	66.4	52.4	40.7	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Ravana Village	36.7	63.9	50.3	38.6	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

JANUARY 2026

DESCRIPTION OF WORK:

**NOISE MONITORING
LEASE ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/OS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/010/559-562/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	010	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	21.01.2026 - 26.01.2026	Time of Sample Collection	-
Start Date of Analysis	27.01.2026	End Date of Analysis	31.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/559-562/01/2026
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	L max, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								75 dB(A)	70 dB(A)	
1	06.00 AM	24 Hrs.	Near Plant Main Gate Area	42.3	70.6	62.1	57.4	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Near Cement Mill Area	48.2	80.8	68.2	59.3	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Near Hopper Building Area	51.4	77.3	62.7	55.2	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
4	06.00 AM	24 Hrs.	Near Truck Tippler Area	40.7	70.1	60.2	50.6	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

JANUARY 2026

DESCRIPTION OF WORK:

**NOISE MONITORING
BUFFER ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/OS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/010/563-565/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	010	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	09.01.2026 - 12.01.2026	Time of Sample Collection	-
Start Date of Analysis	15.01.2026	End Date of Analysis	18.01.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECOLAB/563-565/01/2026
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	Lmax, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								55 dB(A)	45 dB(A)	
1	06.00 AM	24 Hrs.	Chandia Village	32.1	60.4	47.6	38.2	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Jakhapura Village	34.3	67.1	51.8	41.2	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Ravana Village	33.5	65.6	49.4	36.8	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

FEBRUARY 2026

DESCRIPTION OF WORK:

**NOISE MONITORING
LEASE ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/011/606-609/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	011	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	21.02.2026 - 25.02.2026	Time of Sample Collection	-
Start Date of Analysis	26.02.2026	End Date of Analysis	28.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/606-609/02/2026
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	L max, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								75 dB(A)	70 dB(A)	
1	06.00 AM	24 Hrs.	Near Plant Main Gate Area	40.5	68.2	60.4	55.3	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Near Cement Mill Area	46.4	78.1	68.6	57.5	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Near Hopper Building Area	47.6	75.4	61.7	53.6	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
4	06.00 AM	24 Hrs.	Near Truck Tippler Area	41.1	68.3	58.4	49.2	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

FEBRUARY 2026

DESCRIPTION OF WORK:

**NOISE MONITORING
BUFFER ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/011/610-612/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	011	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	16.02.2026 - 20.02.2026	Time of Sample Collection	-
Start Date of Analysis	21.02.2026	End Date of Analysis	23.02.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECOLAB/610-612/02/2026
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	Lmax, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								55 dB(A)	45 dB(A)	
1	06.00 AM	24 Hrs.	Chandia Village	33.4	57.2	46.3	39.1	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Jakhapura Village	35.4	62.3	50.5	39.2	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Ravana Village	34.2	60.5	47.6	38.8	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

**NOISE MONITORING
LEASE ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/012/657-660/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	012	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	25.03.2026 - 29.03.2026	Time of Sample Collection	-
Start Date of Analysis	30.03.2026	End Date of Analysis	31.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECOLAB/657-660/03/2026
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	Lmin, dB(A)	Lmax, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								75 dB(A)	70 dB(A)	
1	06.00 AM	24 Hrs.	Near Plant Main Gate Area	39.2	73.4	65.7	53.4	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Near Cement Mill Area	42.1	76.4	69.3	55.6	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Near Hopper Building Area	43.8	72.9	64.5	54.8	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014
4	06.00 AM	24 Hrs.	Near Truck Tippler Area	38.5	73.1	57.8	50.4	75 dB(A)	70 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified by

Technical Manager

Authorized By

Quality Manager





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

**NOISE MONITORING
BUFFER ZONE**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/13

NAME& ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AN/012/661-663/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Ambient Noise Level Monitoring		
Sample Registration No.	012	Name of Location	Mentioned Below
Sampling Method	IS 9989:1981	Sample Collected By	Ecomen Mining Team
Date of Sample Collection	18.03.2026 - 21.03.2026	Time of Sample Collection	-
Start Date of Analysis	22.03.2026	End Date of Analysis	23.03.2026
Weather Condition	Sunny	Sampling Duration	24 Hrs.
Laboratory Environmental Condition	Temperature: 25 ± 2°C	Sample ID Code	ECO/LAB/661-663/03/2026
	Humidity: 68 % RH	Instrument Name	Sound Level Meter

S. No.	Start Time	Duration	Noise levels - Results					Limits as per CPCB		Test Method
			Location	L min, dB(A)	Lmax, dB(A)	Leq Day	Leq Night	Day Time	Night Time	
								55 dB(A)	45 dB(A)	
1	06.00 AM	24 Hrs.	Chandia Village	33.2	58.4	47.6	38.3	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
2	06.00 AM	24 Hrs.	Jakhapura Village	36.3	65.1	49.6	40.3	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014
3	06.00 AM	24 Hrs.	Ravana Village	31.5	60.8	48.7	37.5	55 dB(A)	45 dB(A)	IS 9989:1981, RA 2014

Category Area/ Zone	Limits in dB (A)	
	Day Time (6.00 Hrs. to 22.00 Hrs.)	Night Time (22.00 Hrs. to 6.00 Hrs.)
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Opinion/Observation: Noise Level is meeting requirements as per CPCB Guidelines.

Verified by


Technical Manager

Authorized By


Quality Manager





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

**OCTOBER
2025**

DESCRIPTION OF WORK:

STACK EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AS/007/395/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Stack Emission		
Sample Registration No.	007	Name of Location	ST1 Cement Mill
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	27.10.2025	Time of Sample Collection	11.40 AM
Date of Sample Receipt	27.10.2025	Time of Sample Receipt	10.00 AM
Start Date of Analysis	28.10.2025	End Date of Analysis	30.10.2025
Weather Condition	Sunny	Sampling Duration	30.0 min
Environmental Condition	Temperature: 25±2°C	Sample ID Code	ECO/LAB/395/10/2025
	Humidity: 56%		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech		
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level(m)	52.6	Ambient Temperature (°C)	30.0
Material of Stack	MS Plate	Stack Temperature (°C)	85.0
Stack Attached	Boiler	Cross Sectional Area of Stack	4.376
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	12.104

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255: Part 1:1985	10-1000	16.33	30.0
2.	Quantity of Gas flow at Dry Condition	Nm ³ /hr	IS 11255: Part 3:1985	-	158723.768	-
3.	Moisture	%	IS 11255: Part 3:1985	-	0.39	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CPCB Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

**NOVEMBER
2025**

DESCRIPTION OF WORK:

STACK EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AS/008/455/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Stack Emission		
Sample Registration No.	008	Name of Location	ST1 Cement Mill
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	20.11.2025	Time of Sample Collection	11.40 AM
Date of Sample Receipt	21.11.2025	Time of Sample Receipt	10.00 AM
Start Date of Analysis	22.11.2025	End Date of Analysis	28.11.2025
Weather Condition	Sunny	Sampling Duration	64 min
Environmental Condition	Temperature: 25±2°C	Sample ID Code	ECO/LAB/455/11/2025
	Humidity: 56%		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech		
	Flue Gas Analyzer		

Stack Details			
D) Above the Ground Level(m)	52.6	Ambient Temperature (°C)	33.0
Material of Stack	MS Plate	Stack Temperature (°C)	93.0
Stack Attached	Boiler	Cross Sectional Area of Stack	4.376
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	12.01

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255: Part 1:1985	10-1000	15.22	28.0
2.	Quantity of Gas flow at Dry Condition	Nm ³ /hr	IS 11255: Part 3:1985	-	154048.69	-
3.	Moisture	%	IS 11255: Part 3:1985	-	0.44	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CPCB Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By


 Technical Manager
 (Vikas Kumar)

Authorized By


 Quality Manager
 (Dr. Abhishek Kumar Singh)




NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

**DECEMBER
2025**

DESCRIPTION OF WORK:

STACK EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AS/009/515/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Stack Emission		
Sample Registration No.	009	Name of Location	ST1 Cement Mill
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	27.12.2025	Time of Sample Collection	03.10 PM
Date of Sample Receipt	28.12.2025	Time of Sample Receipt	10.00 AM
Start Date of Analysis	28.12.2025	End Date of Analysis	29.12.2025
Weather Condition	Sunny	Sampling Duration	64 min
Environmental Condition	Temperature: 29±2°C	Sample ID Code	ECO/LAB/515/12/2025
	Humidity: 56%		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech		
	Flue Gas Analyzer		

Stack Details			
I) Above the Ground Level(m)	52.6	Ambient Temperature (°C)	30.0
Material of Stack	MS Plate	Stack Temperature (°C)	95.0
Stack Attached	Boiler	Cross Sectional Area of Stack	4.376
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	9.86

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255: Part 1:1985	10-1000	10.86	28.0
2.	Quantity of Gas flow at Dry Condition	Nm ³ /hr	IS 11255: Part 3:1985	-	125783.93	-
3.	Moisture	%	IS 11255: Part 3:1985	-	0.38	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CPCB Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

**JANUARY
2026**

DESCRIPTION OF WORK:

STACK EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AS/010/569/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Stack Emission		
Sample Registration No.	010	Name of Location	ST1 Cement Mill
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	12.01.2026	Time of Sample Collection	03.10 PM
Date of Sample Receipt	13.01.2026	Time of Sample Receipt	10.00 AM
Start Date of Analysis	15.01.2026	End Date of Analysis	17.01.2026
Weather Condition	Sunny	Sampling Duration	61 min
Environmental Condition	Temperature: 29±2°C	Sample ID Code	ECO/LAB/569/01/2026
	Humidity: 56%		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech		
	Flue Gas Analyzer		

Stack Details			
D) Above the Ground Level(m)	52.6	Ambient Temperature (°C)	33.0
Material of Stack	MS Plate	Stack Temperature (°C)	92.0
Stack Attached	Boiler	Cross Sectional Area of Stack	4.376
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	10.27

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255: Part 1:1985	10-1000	10.22	30.0
2.	Quantity of Gas flow at Dry Condition	Nm ³ /hr	IS 11255: Part 3:1985	-	132091.13	-
3.	Moisture	%	IS 11255: Part 3:1985	-	0.36	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CPCB Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

**FEBRUARY
2026**

DESCRIPTION OF WORK:

STACK EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME & ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AS/011/616/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Stack Emission		
Sample Registration No.	011	Name of Location	ST1 Cement Mill
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	21.02.2026	Time of Sample Collection	03.10 PM
Date of Sample Receipt	22.02.2026	Time of Sample Receipt	10.00 AM
Start Date of Analysis	23.02.2026	End Date of Analysis	26.02.2026
Weather Condition	Sunny	Sampling Duration	50.49 min
Environmental Condition	Temperature: 29±2°C	Sample ID Code	ECO/LAB/616/02/2026
	Humidity: 56%		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech		
	Flue Gas Analyzer		

Stack Details			
D) Above the Ground Level(m)	52.6	Ambient Temperature (°C)	33.0
Material of Stack	MS Plate	Stack Temperature (°C)	90.0
Stack Attached	Boiler	Cross Sectional Area of Stack	4.376
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	12.365

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255: Part 1:1985	10-1000	11.80	30.0
2.	Quantity of Gas flow at Dry Condition	Nm ³ /hr	IS 11255: Part 3:1985	-	159584.04	-
3.	Moisture	%	IS 11255: Part 3:1985	-	0.28	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CPCB Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified By

 Technical Manager

Authorized By

 Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

STACK EMISSION



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/12

NAME&ADDRESS OF CUSTOMER	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECOLAB/AS/012/667/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Stack Emission		
Sample Registration No.	012	Name of Location	ST1 Cement Mill
Sampling Method	IS: 11255	Sample Collected By	EMPL Representative
Date of Sample Collection	28.03.2026	Time of Sample Collection	03.35 PM
Date of Sample Receipt	29.03.2026	Time of Sample Receipt	08.24 AM
Start Date of Analysis	30.03.2026	End Date of Analysis	31.03.2026
Weather Condition	Sunny	Sampling Duration	54.98 min
Environmental Condition	Temperature: 29±2°C	Sample ID Code	ECO/LAB/667/03/2026
	Humidity: 56%		
Instrument Name & Lab ID	Stack Kit (VSS-1) Envirotech		
	Flue Gas Analyzer		

Stack Details			
D) Above the Ground Level(m)	52.6	Ambient Temperature (°C)	36.0
Material of Stack	MS Plate	Stack Temperature (°C)	95.0
Stack Attached	Boiler	Cross Sectional Area of Stack	4.376
Shape of Stack	Circular	Velocity of Flue Gas (m/sec.)	12.365

Sl. No.	TEST PARAMETERS	Unit	PROTOCOL	Detection Range	RESULTS	Limit as per CPCB
1.	Particulate Matter (PM)	mg/Nm ³	IS 11255: Part 1:1985	10-1000	10.41	30.0
2.	Quantity of Gas flow at Dry Condition	Nm ³ /hr	IS 11255: Part 3:1985	-	147549.44	-
3.	Moisture	%	IS 11255: Part 3:1985	-	0.30	-

Statement of Conformity: Analyzed parameters in above tested sample are within standard limit as per MOEF/CPCB Guidelines.

Note:

1. Test results relate to the items sampled & tested.
2. Test report shall not be reproduced except in full without approval of the laboratory.
3. The test samples will be disposed of after one Month from the date of issue of test report.

---End of Report---

Verified by

[Signature]
 Technical Manager

Authorized By

[Signature]
 Quality Manager

Annexure-7



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

OCTOBER 2025

DESCRIPTION OF WORK:

**STP
(WASTEWATER)**



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/OS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/007/392/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Waste Water		
Sample Registration No.	007	Name of Location	STP Inlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	23.10.2025	Time of Sample Collection	-
Date of Sample Received	23.10.2025	Time of Sample Received	05:35 PM
Start Date of Analysis	25.10.2025	End Date of Analysis	30.10.2025
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/392/10/2025

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
1.	pH	-	APHA, 24 th Ed. 2023, 4500H+ A+B	6.20	2.0 -12	5.5-9.0
2.	Total Suspended Solids as TSS	mg/l	APHA, 24 th Ed. 2023, 2540-D	28.0	5 - 5000	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24 th Ed. 2023, 2540C	302.0	10-10000	-
4.	Biochemical Oxygen Demand as BOD 5 Days at 20°C	mg/l	APHA, 24 th Ed. 2023, 5210 A+B	9.4	5-10000	30.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24 th Ed. 2023, 5220 A+C	89.6	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/OS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/007/393/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Waste Water		
Sample Registration No.	007	Name of Location	STP Outlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	23.10.2025	Time of Sample Collection	-
Date of Sample Received	23.10.2025	Time of Sample Received	05:35 PM
Start Date of Analysis	25.10.2025	End Date of Analysis	30.10.2025
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/393/10/2025

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
01.	Ph	-	APHA, 24 th Ed. 2023, 4500H+ A+B	7.02	2.0 -12	5.5-9.0
02.	Total Suspended Solids as TSS	mg/l	APHA, 24 th Ed. 2023, 2540-D	8.0	5 - 5000	100.0
03.	Total Dissolved Solids as TDS	mg/l	APHA, 24 th Ed. 2023, 2540C	298.0	10-10000	-
04.	Biochemical Oxygen Demand as BOD 5 Days at 20°C	mg/l	APHA, 24 th Ed. 2023, 5210 A+B	4.7	5-10000	30.0
05.	Chemical Oxygen Demand as COD	mg/l	APHA, 24 th Ed. 2023, 5220 A+C	28.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

STP (WASTE WATER)



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/008/452/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Waste Water		
Sample Registration No.	008	Name of Location	STP Inlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	20.11.2025	Time of Sample Collection	-
Date of Sample Received	20.11.2025	Time of Sample Received	05:35 PM
Start Date of Analysis	21.11.2025	End Date of Analysis	28.11.2025
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/452/11/2025

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	6.27	2.0 -12	5.5-9.0
2.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	28.0	5 - 5000	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	312.0	10-10000	-
4.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	8.2	5-10000	28.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	87.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By

Vikas Kumar
Technical Manager
(Vikas Kumar)

Authorized By

Dr. Abhishek Kumar Singh
Quality Manager
(Dr. Abhishek Kumar Singh)



TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/008/453/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Waste Water		
Sample Registration No.	008	Name of Location	STP Outlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	20.11.2025	Time of Sample Collection	-
Date of Sample Received	20.11.2025	Time of Sample Received	05:35 PM
Start Date of Analysis	21.11.2025	End Date of Analysis	28.11.2025
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/453/11/2025

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
01.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	6.90	2.0 -12	5.5-9.0
02.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	7.4	5 - 5000	100.0
03.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	342.0	10-10000	-
04.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5.0	5-10000	28.0
05.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	30.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By

(Signature)
Technical Manager
(Vikas Kumar)

Authorized By

(Signature)
Quality Manager
(Dr. Abhishek Kumar Singh)





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

DECEMBER 2025

DESCRIPTION OF WORK:

STP (WASTE WATER)



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/009/512/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Waste Water		
Sample Registration No.	009	Name of Location	STP Inlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	27.12.2025	Time of Sample Collection	-
Date of Sample Received	27.12.2025	Time of Sample Received	05:35 PM
Start Date of Analysis	28.12.2025	End Date of Analysis	02.01.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/512/12/2025

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	6.20	2.0 -12	5.5-9.0
2.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	24.0	5 - 5000	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	298.0	10-10000	-
4.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	8.4	5-10000	28.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	91.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/009/513/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Waste Water		
Sample Registration No.	009	Name of Location	STP Outlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	27.12.2025	Time of Sample Collection	-
Date of Sample Received	27.12.2025	Time of Sample Received	05:35 PM
Start Date of Analysis	28.12.2025	End Date of Analysis	02.01.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/513/12/2025

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
01.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	7.02	2.0 -12	5.5-9.0
02.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	6.7	5 - 5000	100.0
03.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	310.0	10-10000	-
04.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5.1	5-10000	28.0
05.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	34.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager




NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

JANUARY 2026

DESCRIPTION OF WORK:

STP (WASTE WATER)



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/010/566/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Waste Water		
Sample Registration No.	010	Name of Location	STP Inlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	09.01.2026	Time of Sample Collection	-
Date of Sample Received	12.01.2026	Time of Sample Received	05:35 PM
Start Date of Analysis	13.01.2026	End Date of Analysis	20.01.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/566/01/2026

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	6.31	2.0 -12	5.5-9.0
2.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	30.0	5 - 5000	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	272.0	10-10000	-
4.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	9.1	5-10000	30.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	95.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/010/567/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Waste Water		
Sample Registration No.	010	Name of Location	STP Outlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	09.01.2026	Time of Sample Collection	-
Date of Sample Received	12.01.2026	Time of Sample Received	05:35 PM
Start Date of Analysis	13.01.2026	End Date of Analysis	20.01.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/567/01/2026

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
01.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	7.52	2.0 -12	5.5-9.0
02.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	5.4	5 - 5000	100.0
03.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	294.0	10-10000	-
04.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5.0	5-10000	30.0
05.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	30.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager




NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

FEBRUARY 2026

DESCRIPTION OF WORK:

STP (WASTE WATER)



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/011/613/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Waste Water		
Sample Registration No.	011	Name of Location	STP Inlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	13.02.2026	Time of Sample Collection	-
Date of Sample Received	17.02.2026	Time of Sample Received	05:35 PM
Start Date of Analysis	18.02.2026	End Date of Analysis	24.02.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/613/02/2026

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	6.38	2.0 -12	5.5-9.0
2.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	34.0	5 - 5000	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	244.0	10-10000	-
4.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	14.0	5-10000	30.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	92.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager


TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/011/614/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Waste Water		
Sample Registration No.	011	Name of Location	STP Outlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	13.02.2026	Time of Sample Collection	-
Date of Sample Received	17.02.2026	Time of Sample Received	05:35 PM
Start Date of Analysis	18.02.2026	End Date of Analysis	24.02.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/614/02/2026

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
01.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	7.88	2.0 -12	5.5-9.0
02.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	5.0	5 - 5000	100.0
03.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	261.0	10-10000	-
04.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5.6	5-10000	30.0
05.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	28.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


Technical Manager

Authorized By


Quality Manager




NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

STP (WASTE WATER)



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/012/664/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Waste Water		
Sample Registration No.	012	Name of Location	STP Inlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	16.03.2026	Time of Sample Collection	-
Date of Sample Received	20.03.2026	Time of Sample Received	01:22 PM
Start Date of Analysis	21.03.2026	End Date of Analysis	26.03.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/664/03/2026

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
1.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	6.42	2.0-12	5.5-9.0
2.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	38.0	5 - 5000	100.0
3.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	232.0	10-10000	-
4.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	20.0	5-10000	30.0
5.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	117.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified by



Technical Manager

Authorized By



Quality Manager

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/07

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/WW/012/665/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Waste Water		
Sample Registration No.	012	Name of Location	STP Outlet 50 KLD
Sampling Method	APHA	Sample Collected By	Ecomen Lab Team
Date of Sample Collection	16.03.2026	Time of Sample Collection	-
Date of Sample Received	20.03.2026	Time of Sample Received	01:22 PM
Start Date of Analysis	21.03.2026	End Date of Analysis	26.03.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/665/03/2026

S. No.	TESTS	Unit	PROTOCOL	RESULT	Detection Range	Standard G.S.R 422 (E)
						Desirable Limit
01.	pH	-	APHA, 24th Ed. 2023, 4500H+ A+B	7.96	2.0-12	5.5-9.0
02.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. 2023, 2540-D	6.0	5 - 5000	100.0
03.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. 2023, 2540C	247.0	10-10000	-
04.	Biochemical Oxygen Demand as BOD 5 Days at 200C	mg/l	APHA, 24th Ed. 2023, 5210 A+B	5.2	5-10000	30.0
05.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. 2023, 5220 A+C	26.0	5-50000	250.0

Statement of Conformity: The above tested parameters confirm as per GSR-422 (E) limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified by


Technical Manager

Authorized By


Quality Manager

Annexure-5



NAME OF THE PLANT: SAGAR CEMENT

MONTH: OCTOBER 2025

DESCRIPTION OF WORK: SURFACE WATER QUALITY



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/SW/007/396/10/2025
		Issue Date of Test Report	02.11.2025
Type of Sample	Surface Water		
Sample Registration No.	007	Name of Location	SW1-Brahmani River upstream SW2- Brahmani River downstream
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	23.10.2025	Time of Sample Collection	-
Date of Sample Received	23.10.2025	Time of Sample Received	04:20 PM
Start Date of Analysis	25.10.2025	End Date of Analysis	30.10.2025
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/396/10/2025

S. No.	TESTS	Unit	PROTOCOL	SW1	SW2	INDIAN STANDARDS as IS-2296(C)
1.	Colour	Hazen	APHA,24th Ed. : 2023, 2120 B	30.0	30.0	300
2.	pH	-	APHA,24th Ed. : 2023, 4500H+A+B	7.44	7.40	6.5-8.5
3.	Total Suspended Solids as TSS	mg/l	APHA,24th Ed. : 2023, 2540D	26.0	27.0	-
4.	Total Dissolved Solids as TDS	mg/l	APHA,24th Ed. : 2023, 2540-C	89.0	84.0	1500
5.	Biochemical Oxygen Demand as BOD	mg/l	IS-3025 Part-44,1993	2.4	2.4	3.0
6.	Chemical Oxygen Demand as COD	mg/l	APHA,24th Ed. : 2023, 5220 A+C	20.0	20.0	-
7.	Oil & Grease as O&G	mg/l	APHA, 24 th Ed. : 2023 5520 A+D	BDL	BDL	0.1
8.	Dissolved Oxygen as DO	mg/l	APHA,24th Ed. : 2023, 4500 A+C	4.6	4.5	4
9.	Chloride as Cl	mg/l	APHA,24th Ed. : 2023, 4500 Cl A+B	14.0	15.0	600
10.	Sulphate as SO ₄	mg/l	APHA,24th Ed. : 2023, 4500-SO42- E	8.8	9.2	400
11.	Nitrate Nitrogen as NO ₃	mg/l	APHA,24th Ed. : 2023, 4500-NO3 2- E	6.78	6.55	50
12.	Fluoride as F	mg/l	APHA,24th Ed. : 2023, 4500-C	0.20	0.20	1.5
13.	Iron as Fe	mg/l	APHA,24th Ed. : 2023, 3500 Fe B	0.14	0.14	50.0
14.	Arsenic as As	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.2
15.	Hexavalent Chromium as Cr ⁶⁺	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.05
16.	Copper as Cu	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	1.5
17.	Zinc as Zn	mg/l	APHA,24th Ed. : 2023, 3111 A+B	0.18	0.16	15
18.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA,24th Ed. : 2023, 5530 A+C	BDL	BDL	0.007
19.	Anionic Detergent as MBAS	mg/l	APHA,24th Ed. : 2023, 5540 A+C	BDL	BDL	1.0
20.	Selenium as Se	mg/l	APHA,24th Ed. : 2023, 3500 Se A+C	BDL	BDL	0.05
21.	Cyanide as CN	mg/l	APHA,24th Ed. : 2023, 4500, CN A+D	BDL	BDL	0.05
22.	Lead as Pb	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.1
23.	Cadmium as Cd	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.01
24.	Total coliform	MPN /100 ml	APHA,24th Ed. : 2023, 9221 A+B	110.0	115.0	5000

Statement of Conformity: The above tested parameters confirm as per IS-2296 Class-C limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

NOVEMBER 2025

DESCRIPTION OF WORK:

SURFACE WATER QUALITY



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/SW/008/456/11/2025
		Issue Date of Test Report	02.12.2025
Type of Sample	Surface Water		
Sample Registration No.	008	Name of Location	SW1- Brahmani River upstream SW2- Brahmani River downstream
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	20.11.2025	Time of Sample Collection	-
Date of Sample Received	20.11.2025	Time of Sample Received	04:20 PM
Start Date of Analysis	21.11.2025	End Date of Analysis	28.11.2025
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/456/11/2025

S. No.	TESTS	Unit	PROTOCOL	SW1	SW2	INDIAN STANDARDS as IS-2296(C)
1.	Colour	Hazen	APHA, 24th Ed. : 2023, 2120 B	25.0	22.0	300
2.	pH	-	APHA, 24th Ed. : 2023, 4500H+A+B	7.31	7.26	6.5-8.5
3.	Total Suspended Solids as TSS	mg/l	APHA, 24th Ed. : 2023, 2540D	22.0	24.0	-
4.	Total Dissolved Solids as TDS	mg/l	APHA, 24th Ed. : 2023, 2540-C	83.0	85.0	1500
5.	Biochemical Oxygen Demand as BOD	mg/l	IS-3025 Part-44, 1993	2.4	2.6	3.0
6.	Chemical Oxygen Demand as COD	mg/l	APHA, 24th Ed. : 2023, 5220 A+C	18.0	18.0	-
7.	Oil & Grease as O&G	mg/l	APHA, 24th Ed. : 2023, 5520 A+D	BDL	BDL	0.1
8.	Dissolved Oxygen as DO	mg/l	APHA, 24th Ed. : 2023, 4500 A+C	4.6	4.5	4
9.	Chloride as Cl	mg/l	APHA, 24th Ed. : 2023, 4500 Cl A+B	16.0	17.0	600
10.	Sulphate as SO ₄	mg/l	APHA, 24th Ed. : 2023, 4500-SO42- E	9.0	9.2	400
11.	Nitrate Nitrogen as NO ₃	mg/l	APHA, 24th Ed. : 2023, 4500-NO3 2- E	6.78	6.80	50
12.	Fluoride as F	mg/l	APHA, 24th Ed. : 2023, 4500-C	0.22	0.21	1.5
13.	Iron as Fe	mg/l	APHA, 24th Ed. : 2023, 3500 Fe B	0.12	0.13	50.0
14.	Arsenic as As	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	BDL	BDL	0.2
15.	Hexavalent Chromium as Cr ⁶⁺	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	BDL	BDL	0.05
16.	Copper as Cu	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	BDL	BDL	1.5
17.	Zinc as Zn	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	0.14	0.14	15
18.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA, 24th Ed. : 2023, 5530 A+C	BDL	BDL	0.006
19.	Anionic Detergent as MBAS	mg/l	APHA, 24th Ed. : 2023, 5540 A+C	BDL	BDL	1.0
20.	Selenium as Se	mg/l	APHA, 24th Ed. : 2023, 3500 Se A+C	BDL	BDL	0.05
21.	Cyanide as CN	mg/l	APHA, 24th Ed. : 2023, 4500, CN A+D	BDL	BDL	0.05
22.	Lead as Pb	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	BDL	BDL	0.1
23.	Cadmium as Cd	mg/l	APHA, 24th Ed. : 2023, 3111 A+B	BDL	BDL	0.01
24.	Total coliform	MPN /100 ml	APHA, 24th Ed. : 2023, 9221 A+B	100.0	105.0	5000

Statement of Conformity: The above tested parameters confirm as per IS-2296 Class-C limits for above tested parameters and the results are related to the sample tested.

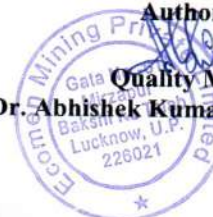
Note: - BDL- Below Detection Limit.

Verified By

(Signature)
Technical Manager
(Vikas Kumar)

Authorized By

(Signature)
Quality Manager
(Dr. Abhishek Kumar Singh)





NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

DECEMBER 2025

DESCRIPTION OF WORK:

SURFACE WATER QUALITY



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/SW/009/516/12/2025
		Issue Date of Test Report	02.01.2026
Type of Sample	Surface Water		
Sample Registration No.	009	Name of Location	SW1-Brahmani River upstream SW2- Brahmani River downstream
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	27.12.2025	Time of Sample Collection	-
Date of Sample Received	27.12.2025	Time of Sample Received	04:20 PM
Start Date of Analysis	28.12.2025	End Date of Analysis	02.01.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/516/12/2025

S. No.	TESTS	Unit	PROTOCOL	SW1	SW2	INDIAN STANDARDS as IS-2296(C)
1.	Colour	Hazen	APHA,24th Ed.: 2023, 2120 B	20.0	20.0	300
2.	pH	-	APHA,24th Ed.: 2023, 4500H+A+B	7.30	7.31	6.5-8.5
3.	Total Suspended Solids as TSS	mg/l	APHA,24th Ed.: 2023, 2540D	18.0	26.0	-
4.	Total Dissolved Solids as TDS	mg/l	APHA,24th Ed.: 2023, 2540-C	90.0	85.0	1500
5.	Biochemical Oxygen Demand as BOD	mg/l	IS-3025 Part-44,1993	2.2	2.2	3.0
6.	Chemical Oxygen Demand as COD	mg/l	APHA,24th Ed.: 2023, 5220 A+C	18.0	18.0	-
7.	Oil & Grease as O&G	mg/l	APHA, 24 th Ed.: 20235520 A+D	BDL	BDL	0.1
8.	Dissolved Oxygen as DO	mg/l	APHA,24th Ed.: 2023, 4500 A+C	5.0	4.8	4
9.	Chloride as Cl	mg/l	APHA,24th Ed.: 2023, 4500 Cl A+B	16.0	16.0	600
10.	Sulphate as SO ₄	mg/l	APHA,24th Ed.: 2023, 4500-SO42- E	9.8	9.0	400
11.	Nitrate Nitrogen as NO ₃	mg/l	APHA,24th Ed.: 2023, 4500-NO3 2- E	6.88	7.02	50
12.	Fluoride as F	mg/l	APHA,24th Ed.: 2023, 4500-C	0.20	0.20	1.5
13.	Iron as Fe	mg/l	APHA,24th Ed.: 2023, 3500 Fe B	0.14	0.14	50.0
14.	Arsenic as As	mg/l	APHA,24th Ed.: 2023, 3111 A+B	BDL	BDL	0.2
15.	Hexavalent Chromium as Cr ⁶⁺	mg/l	APHA,24th Ed.: 2023, 3111 A+B	BDL	BDL	0.05
16.	Copper as Cu	mg/l	APHA,24th Ed.: 2023, 3111 A+B	BDL	BDL	1.5
17.	Zinc as Zn	mg/l	APHA,24th Ed.: 2023, 3111 A+B	0.20	0.18	15
18.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA,24th Ed.: 2023, 5530 A+C	BDL	BDL	0.006
19.	Anionic Detergent as MBAS	mg/l	APHA,24th Ed.: 2023, 5540 A+C	BDL	BDL	1.0
20.	Selenium as Se	mg/l	APHA,24th Ed.: 2023, 3500 Se A+C	BDL	BDL	0.05
21.	Cyanide as CN	mg/l	APHA,24th Ed.: 2023, 4500, CN A+D	BDL	BDL	0.05
22.	Lead as Pb	mg/l	APHA,24th Ed.: 2023, 3111 A+B	BDL	BDL	0.1
23.	Cadmium as Cd		APHA,24th Ed.: 2023, 3111 A+B			0.01
24.	Total coliform	MPN /100 ml	APHA,24th Ed.: 2023, 9221 A+B	100.0	100.0	5000

Statement of Conformity: The above tested parameters confirm as per IS-2296 Class-C limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By

Technical Manager

Authorized By

Quality Manager



NAME OF THE PLANT: SAGAR CEMENT

MONTH: JANUARY 2026

DESCRIPTION OF WORK: SURFACE WATER QUALITY



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/10

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/SW/010/570/01/2026
		Issue Date of Test Report	02.02.2026
Type of Sample	Surface Water		
Sample Registration No.	010	Name of Location	SW1-Brahmani River upstream SW2- Brahmani River downstream
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	09.01.2026	Time of Sample Collection	-
Date of Sample Received	12.01.2026	Time of Sample Received	04:20 PM
Start Date of Analysis	13.01.2026	End Date of Analysis	20.01.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/570/01/2026

S. No.	TESTS	Unit	PROTOCOL	SW1	SW2	INDIAN STANDARDS as IS-2296(C)
1.	Colour	Hazen	APHA,24th Ed. : 2023, 2120 B	15.0	15.0	300
2.	pH	-	APHA,24th Ed. : 2023, 4500H+A+B	7.55	7.52	6.5-8.5
3.	Total Suspended Solids as TSS	mg/l	APHA,24th Ed. : 2023, 2540D	16.0	18.0	-
4.	Total Dissolved Solids as TDS	mg/l	APHA,24th Ed. : 2023, 2540-C	97.0	106.0	1500
5.	Biochemical Oxygen Demand as BOD	mg/l	IS-3025 Part-44,1993	2.1	2.0	3.0
6.	Chemical Oxygen Demand as COD	mg/l	APHA,24th Ed. : 2023, 5220 A+C	14.0	16.0	-
7.	Oil & Grease as O&G	mg/l	APHA, 24 th Ed. : 20235520 A+D	BDL	BDL	0.1
8.	Dissolved Oxygen as DO	mg/l	APHA,24th Ed. : 2023, 4500 A+C	5.4	5.3	4
9.	Chloride as Cl	mg/l	APHA,24th Ed. : 2023, 4500 Cl A+B	20.0	18.0	600
10.	Sulphate as SO ₄	mg/l	APHA,24th Ed. : 2023, 4500-SO42- E	9.2	9.6	400
11.	Nitrate Nitrogen as NO ₃	mg/l	APHA,24th Ed. : 2023, 4500-NO3 2- E	7.12	8.02	50
12.	Fluoride as F	mg/l	APHA,24th Ed. : 2023, 4500-C	0.24	0.24	1.5
13.	Iron as Fe	mg/l	APHA,24th Ed. : 2023, 3500 Fe B	0.16	0.15	50.0
14.	Arsenic as As	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.2
15.	Hexavalent Chromium as Cr ⁺⁶	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.05
16.	Copper as Cu	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	1.5
17.	Zinc as Zn	mg/l	APHA,24th Ed. : 2023, 3111 A+B	0.18	0.18	15
18.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA,24th Ed. : 2023, 5530 A+C	BDL	BDL	0.006
19.	Anionic Detergent as MBAS	mg/l	APHA,24th Ed. : 2023, 5540 A+C	BDL	BDL	1.0
20.	Selenium as Se	mg/l	APHA,24th Ed. : 2023, 3500 Se A+C	BDL	BDL	0.05
21.	Cyanide as CN	mg/l	APHA,24th Ed. : 2023, 4500.CN A+D	BDL	BDL	0.05
22.	Lead as Pb	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.1
23.	Cadmium as Cd		APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.01
24.	Total coliform	MPN /100 ml	APHA,24th Ed. : 2023, 9221 A+B	90.0	90.0	5000

Statement of Conformity: The above tested parameters confirm as per IS-2296 Class-C limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By


 Technical Manager

Authorized By


 Quality Manager




NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

FEBRUARY 2026

DESCRIPTION OF WORK:

SURFACE WATER QUALITY



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME & ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/SW/011/617/02/2026
		Issue Date of Test Report	02.03.2026
Type of Sample	Surface Water		
Sample Registration No.	011	Name of Location	SW1-Brahmani River upstream SW2- Brahmani River downstream
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	13.02.2026	Time of Sample Collection	-
Date of Sample Received	17.02.2026	Time of Sample Received	04:20 PM
Start Date of Analysis	18.02.2026	End Date of Analysis	24.02.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/617/02/2026

S. No.	TESTS	Unit	PROTOCOL	SW1	SW2	INDIAN STANDARDS as IS-2296(C)
1.	Colour	Hazen	APHA,24th Ed. : 2023, 2120 B	12.0	12.0	300
2.	pH	-	APHA,24th Ed. : 2023, 4500H+A+B	7.5	7.48	6.5-8.5
3.	Total Suspended Solids as TSS	mg/l	APHA,24th Ed. : 2023, 2540D	12.0	13.0	-
4.	Total Dissolved Solids as TDS	mg/l	APHA,24th Ed. : 2023, 2540-C	129.0	126.0	1500
5.	Biochemical Oxygen Demand as BOD	mg/l	IS-3025 Part-44,1993	2.1	2.1	3.0
6.	Chemical Oxygen Demand as COD	mg/l	APHA,24th Ed. : 2023, 5220 A+C	12.0	14.0	-
7.	Oil & Grease as O&G	mg/l	APHA, 24 th Ed. : 2023, 5520 A+D	BDL	BDL	0.1
8.	Dissolved Oxygen as DO	mg/l	APHA,24th Ed. : 2023, 4500 A+C	5.6	5.4	4
9.	Chloride as Cl	mg/l	APHA,24th Ed. : 2023, 4500 Cl A+B	18.0	16.0	600
10.	Sulphate as SO ₄	mg/l	APHA,24th Ed. : 2023, 4500-SO42- E	9.0	9.2	400
11.	Nitrate Nitrogen as NO ₃	mg/l	APHA,24th Ed. : 2023, 4500-NO3 2- E	7.34	7.62	50
12.	Fluoride as F	mg/l	APHA,24th Ed. : 2023, 4500-C	0.28	0.26	1.5
13.	Iron as Fe	mg/l	APHA,24th Ed. : 2023, 3500 Fe B	0.18	0.16	50.0
14.	Arsenic as As	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.2
15.	Hexavalent Chromium as Cr ⁶⁺	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.05
16.	Copper as Cu	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	1.5
17.	Zinc as Zn	mg/l	APHA,24th Ed. : 2023, 3111 A+B	0.12	0.14	15
18.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA,24th Ed. : 2023, 5530 A+C	BDL	BDL	0.006
19.	Anionic Detergent as MBAS	mg/l	APHA,24th Ed. : 2023, 5540 A+C	BDL	BDL	1.0
20.	Selenium as Se	mg/l	APHA,24th Ed. : 2023, 3500 Se A+C	BDL	BDL	0.05
21.	Cyanide as CN	mg/l	APHA,24th Ed. : 2023, 4500,CN A+D	BDL	BDL	0.05
22.	Lead as Pb	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.1
23.	Cadmium as Cd		APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.01
24.	Total coliform	MPN /100 ml	APHA,24th Ed. : 2023, 9221 A+B	90.0	95.0	5000

Statement of Conformity: The above tested parameters confirm as per IS-2296 Class-C limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified By

 Technical Manager

Authorized By

 Quality Manager



NAME OF THE PLANT:

SAGAR CEMENT

MONTH:

MARCH 2026

DESCRIPTION OF WORK:

SURFACE WATER QUALITY



ECOMEN MINING PVT. LTD.

TEST REPORT

FORMAT NO. ECO/QS/FORMAT/09

NAME&ADDRESS OF CUSTOMER:	M/S Sagar Cement Limited, Kalinga Nagar industrial complex, Danagadi, Jajpur, Odisha.	Test Report No.	ECO/LAB/SW/012/668/03/2026
		Issue Date of Test Report	02.04.2026
Type of Sample	Surface Water		
Sample Registration No.	012	Name of Location	SW1- Brahmani River upstream SW2- Brahmani River downstream
Sampling Method	APHA	Sample Collected By	EMPL Representative
Date of Sample Collection	16.03.2026	Time of Sample Collection	-
Date of Sample Received	20.03.2026	Time of Sample Received	01:22 PM
Start Date of Analysis	21.03.2026	End Date of Analysis	26.03.2026
Laboratory Environmental Condition	Temperature: 27 ± 2 °C	Sample Quantity	As Per Requirement
	Humidity: 52 %	Sample ID Code	ECO/LAB/668/03/2026

S. No.	TESTS	Unit	PROTOCOL	SW1	SW2	INDIAN STANDARDS as IS-2296(C)
1.	Colour	Hazen	APHA,24th Ed. : 2023, 2120 B	10.0	12.0	300
2.	pH	-	APHA,24th Ed. : 2023, 4500H+A+B	7.54	7.54	6.5-8.5
3.	Total Suspended Solids as TSS	mg/l	APHA,24th Ed. : 2023, 2540D	11.0	11.0	-
4.	Total Dissolved Solids as TDS	mg/l	APHA,24th Ed. : 2023, 2540-C	121.0	114.0	1500
5.	Biochemical Oxygen Demand as BOD	mg/l	IS-3025 Part-44,1993	2.0	2.0	3.0
6.	Chemical Oxygen Demand as COD	mg/l	APHA,24th Ed. : 2023, 5220 A+C	12.0	12.0	-
7.	Oil & Grease as O&G	mg/l	APHA, 24 th Ed. : 20235520 A+D	BDL	BDL	0.1
8.	Dissolved Oxygen as DO	mg/l	APHA,24th Ed. : 2023, 4500 A+C	5.8	5.7	4
9.	Chloride as Cl	mg/l	APHA,24th Ed. : 2023, 4500 Cl A+B	14.0	14.0	600
10.	Sulphate as SO ₄	mg/l	APHA,24th Ed. : 2023, 4500-SO42- E	9.4	9.1	400
11.	Nitrate Nitrogen as NO ₃	mg/l	APHA,24th Ed. : 2023, 4500-NO3 2- E	7.78	7.70	50
12.	Fluoride as F	mg/l	APHA,24th Ed. : 2023, 4500-C	0.20	0.22	1.5
13.	Iron as Fe	mg/l	APHA,24th Ed. : 2023, 3500 Fe B	0.16	0.18	50.0
14.	Arsenic as As	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.2
15.	Hexavalent Chromium as Cr ⁺⁶	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.05
16.	Copper as Cu	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	1.5
17.	Zinc as Zn	mg/l	APHA,24th Ed. : 2023, 3111 A+B	0.14	0.14	15
18.	Phenolic Compound as C ₆ H ₅ OH	mg/l	APHA,24th Ed. : 2023, 5530 A+C	BDL	BDL	0.006
19.	Anionic Detergent as MBAS	mg/l	APHA,24th Ed. : 2023, 5540 A+C	BDL	BDL	1.0
20.	Selenium as Se	mg/l	APHA,24th Ed. : 2023, 3500 Se A+C	BDL	BDL	0.05
21.	Cyanide as CN	mg/l	APHA,24th Ed. : 2023, 4500,CN A+D	BDL	BDL	0.05
22.	Lead as Pb	mg/l	APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.1
23.	Cadmium as Cd		APHA,24th Ed. : 2023, 3111 A+B	BDL	BDL	0.01
24.	Total coliform	MPN /100 ml	APHA,24th Ed. : 2023, 9221 A+B	90.0	90.0	5000

Statement of Conformity: The above tested parameters confirm as per IS-2296 Class-C limits for above tested parameters and the results are related to the sample tested.

Note: - BDL- Below Detection Limit.

Verified by


Technical Manager

Authorized By


Quality Manager

Annexure-VIII

SAGAR CEMENTS LIMITED					
KALINGA NAGAR INDUSTRIAL COMPLEX, JAJPUR					
CSR Expenses during FY2025-26(Oct 2025-Mar 2026)					
S/N	MONTH	DESCRIPTION	EXPENSES DURING YR 2025-26 (April)	Beneficiaries	REMARKS
16	Oct	Anganwadi Kendra in Village Tangarsahi and Arasahi (Ms Sambari Dangil & Ms Sonali Badara)	8000	40	
17	NOV	Cement bag donation to Saraswati Sishu Mandir,Kendrapara	20420	1000	
18	NOV	Anganwadi Kendra in Village Tangarsahi and Arasahi (Ms Sambari Dangil & Ms Sonali Badara)	8000	40	
19	NOV	Merit Scholarship programme near by school under Danagadi block,Nov 25	835000	2000	
20	NOV	Water Tanker for Irrigation & Drinking Water facility to Villlage Tangarsahi borewell maintenance and sprinkle on road and Plantation area(ek ped maa ke naam)	7000	1000	
21	Dec	Barricadind Plantation nere by villages under the theme of Ek ped maa ke naam with cement pole and birbed wire	45100	5000	
22	Dec	Anganwadi Kendra in Village Tangarsahi and Arasahi (Ms Sambari Dangil & Ms Sonali Badara)	8000	40	
23	Dec	Water Tanker for Irrigation & Drinking Water facility to Villlage Tangarsahi borewell maintenance and sprinkle on road and Plantation area(ek ped maa ke naam)	7000	1000	
24	Jan	Anganwadi Kendra in Village Tangarsahi and Arasahi (Ms Sambari Dangil & Ms Sonali Badara)	8000	40	
25	Jan	Water Tanker for Irrigation & Drinking Water facility to Villlage Tangarsahi borewell maintenance and sprinkle on road and Plantation area(ek ped maa ke naam)	7000	1000	
26	Jan	Donation to Sukinda Silpa Mahotstav	500000	10000	
27	Jan	Donation To Indian Rede cross society	10000		
28	Jan	Bariicading the plantatyon area	17000	1000	
29	Feb	Anganwadi Kendra in Village Tangarsahi and Arasahi (Ms Sambari Dangil & Ms Sonali Badara)	8000	40	
30	Feb	Water Tanker for Irrigation & Drinking Water facility to Villlage Tangarsahi borewell maintenance and sprinkle on road and Plantation area(ek ped maa ke naam)	7000	1000	
31	Mar	Anganwadi Kendra in Village Tangarsahi and Arasahi (Ms Sambari Dangil & Ms Sonali Badara)	8000	40	
32	Mar	Water Tanker for Irrigation & Drinking Water facility to Villlage Tangarsahi borewell maintenance and sprinkle on road and Plantation area(ek ped maa ke naam)	7000	1000	
33	Mar	Donation to Jajati Mahotstav	100000	10000	
		Total	1610520		

Plantation Under the theme of “Ek Ped Maa Ke Naam”



CSR Social and livelihood support- 15 Nos. Cement Bag provided to HINGULA TEMPLE MANATIRA



Merit Scholarship Awards in memory of beloved founder Late Sri Sammidi Veera Reddy



Corporate Social Responsibility ANNUAL HEALTH CHECK UP 2026

