



SAGAR CEMENTS LIMITED

SCL/ENV/MoEF&CC/EC/2025/23

Date:27-08-2025

To,

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

Dear sir,

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'2024 to March'2025.

**Ref: 1. EC Vide order No.6715/SEIAA/dated.21.05.2019
2. File No.29913/18-IND/11-2018**

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-2024 to March-2025. This is for your kind information please.

Yours faithfully,

for: **Sagar Cements Limited.**


**I.P. Srivastava
(Authorised Signatory)**



Enclosure: 1.EC Order copy
2.EC Condition wise compliance Report.
3.CTO Order Copy

**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, 23356572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

CIN : L26942TG1981PLC002887 GSTIN : 36AACCS8680H2ZY

Factories : Mattampally Village & Mandal, Suryapet District, Telangana State - 508204. Phone : 08683 - 247039 GSTIN : 36AACCS8680H1ZZ

Bayyavaram Village, Kasimkota Mandal, Anakapally District, Andhra Pradesh State - 531031. Phone : 08924-244550 Fax : 08924-244570 GSTIN : 37AACCS8680H1ZX

Gudipadu Village, Yadiki Mandal, Ananthapur District, Andhra Pradesh State - 515408. Phone: 08558-200272 GSTIN : 37AACCS8680H1ZX

Kalinganagar, Industrial Complex, Tahsil-Dangadi, Dist - Jajpur, Odisha. Phone : 08340882288 CIN : U26922TS2010PTC171799 GSTIN : 21AACCCJ4151G1Z3

***Environmental Clearance Half-Yearly Condition Wise
Compliance Report
Sagar Cements Limited
(Period: October- 2024 to March-2025)***



Sagar Cements Limited

Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019

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	Environmental Clearance is granted with a Condition that 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.	Noted and being complied. As the project is under operation phase, Maximum raw materials of plants like clinker & slag transported through wagons by using Sukinda railway siding only. As per CTO, substantial arrangements for transport of to and fro of raw material and end products by Railways will be taken place in phase wise manner and accordingly we will reduce the transportation by road.
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B. Statutory Compliance

1	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.	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.
2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	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.
3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief 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).	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 condition is not applicable.

Sagar Cements Limited

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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 17.09.24. Also Consent to Operate has been obtained vide letter no: 4799 / IND-I-CON-6806 dated 27.03.2023 and Valid for 3 years .i.e upto 31.03.2026. 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-1464/6906 dated 31.03. 2025 & valid up to 31.03.2026 authorization copy has been attached. Annexure-III

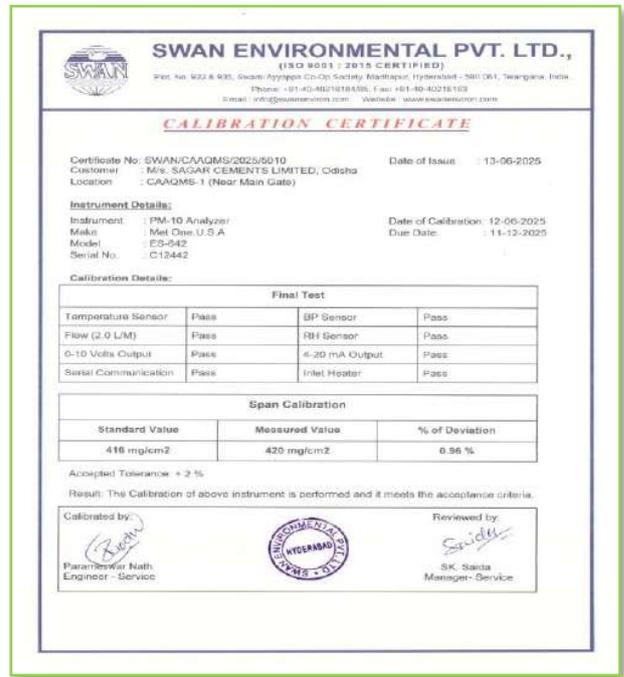
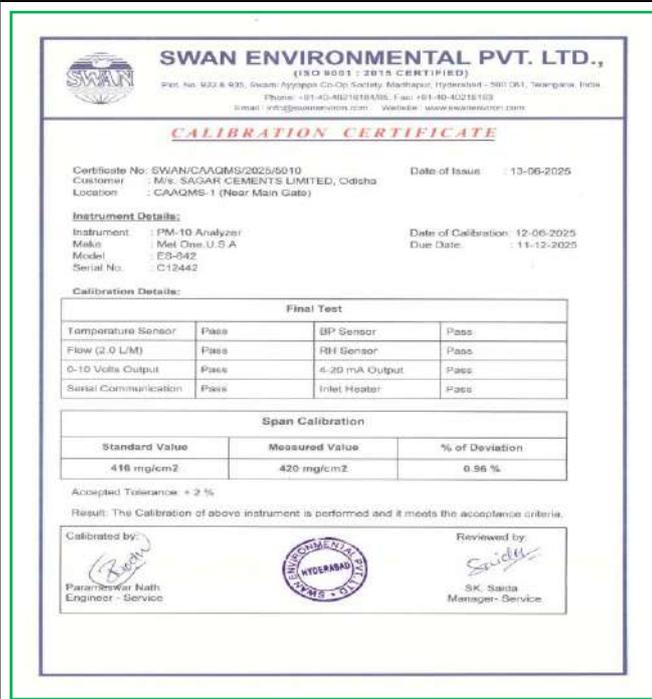
C. Air Quality Monitoring and Preservation

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 supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Being complied. We have installed one no. of AAQMS and one CEMS inside our plant and linked with CPCB & SPCB server . Proper calibration is being done on periodic basis. Also, we are conducting third party monitoring by NABL accredited consultancy named as Swan Calibration of the instruments is being done on periodic manner. Monitoring reports is attached below. Calibration report.

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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: 4799 / IND-I-CON-6806 dated 27.03.2023 At present the manual monitoring of fugitive emissions Quality is being done by the third-party agency Visiontek accredited by NABL laboratory Certificate No: TC-7944. and the monitoring reports are attached below.
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(Fugitive Monitoring Data from October”2024 to March”2025)

S No.	Name of Location	SPM Observed Value (in µg/m3)
1	Nearby Cement mill area	547.7
2	Nearby RMH	437.6
3	Nearby fly ash handling	487.1

Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalinganar
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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

TEST REPORT

ECOMEN MINING PVT. LTD
(Formerly known as EcoMen Laboratories Pvt. Ltd.)
Second Floor, 1st Floor No. 5/18, Sarangal, Angul, Odisha - 755 014
Phone No. 1922-495901/495902
Email: contact@ecomen.in, Website: www.ecomen.in, CN-174319P/188P/23/06/1, ODIR: 08AAC2020112

TEST NO.	TEST DATE	TEST RESULT
1	20/08/2025	100%

Verified By: [Signature]
Authorised By: [Signature]

TEST REPORT

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TEST NO.	TEST DATE	TEST RESULT
1	20/08/2025	100%

Verified By: [Signature]
Authorised By: [Signature]

Figitive Emission Report

3 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.

Being complied.
The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023
AAQMS system installed at plant and Display board fixed at plant main gate
And also, Ambient Air Quality Monitoring is done by the third-party agency Vision tech accredited by NABL laboratory Certificate No: TC- 7944
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, Tangarsahi village and the ambient air monitoring reports are attached below. **Annexure-V**



Ambient Air Quality Monitoring System (AAQMS)

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

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(Ambient Air Quality Monitoring Data From october -2024 to March-2025)																				
Location	Near Plant Main Gate Area					Near Cement Mill Area					Near Hopper Building Area					Near Truck Tippler Area				
Parameters	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-24	54.2	32.4	8.6	15.3	0.26	54.6	32.8	8.5	12.4	0.26	54.3	32.6	8.5	11.8	0.26	54.4	32.7	8.7	14.7	0.27
Nov-24	54.7	32.3	8.7	15.3	0.26	55.1	32.7	8.6	12	0.27	54.9	32.6	8.7	11.7	0.26	55	32.3	8.7	14.7	0.27
Dec-24	54.8	31.96	8.67	15.44	0.27	55.4	32.77	8.72	11.99	0.27	55	32.62	8.65	11.84	0.27	55.36	32.49	8.72	14.69	0.28
Jan-25	54.71	31.88	8.56	15.33	0.26	54.82	32.73	8.58	11.72	0.27	54.78	32.52	8.51	11.58	0.26	55.31	32.6	8.76	14.62	0.28
Feb-25	55.1	32.34	8.67	15.45	0.27	54.84	32.25	8.53	11.63	0.27	55	32.7	8.67	11.71	0.27	55.3	32.72	8.76	14.72	0.27
Mar-25	54.78	32.52	8.5	11.6	0.26	55.3	32.5	8.9	15.6	0.27	55.2	32.54	8.7	11.7	0.27	55.4	32.7	8.8	14.6	0.28
Maximum	55.1	32.52	8.7	15.45	0.27	55.4	32.8	8.9	15.6	0.27	55.2	32.7	8.7	11.84	0.27	55.4	32.72	8.8	14.72	0.28
Minimum	54.2	31.88	8.5	11.6	0.26	54.6	32.25	8.5	11.63	0.26	54.3	32.52	8.5	11.58	0.26	54.4	32.3	8.7	14.6	0.27
Average	54.72	32.23	8.62	14.74	0.26	55.01	32.63	8.64	12.56	0.27	54.86	32.60	8.62	11.72	0.27	55.13	32.59	8.74	14.67	0.28

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: 4799 / IND-I-CON-6806 dated 27.03.2023. As per the CTO we are submitting the monthly monitoring reports to all the regulatory bodies.
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Continuous Emission Monitoring System (CEMS) Cement Mill

(Stack Monitoring Data October -2024 to March-2025)

Month	Cement Mill - PM (mg/Nm ³)
Oct-24	5.2
Nov-24	11.5
Dec-24	11.1
Jan-25	12.4
Feb-25	6.5
Mar-25	14.3
Max	14.3
Min	5.2
Ave	10.2

Sagar Cements Limited

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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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Bag House for Cement Mill



Concrete silo for product storage



Covered belt for raw material transfer



Chemical gypsum storage shed



Covered Raw material storage



Concrete silo for Clinker storage



Road sweeping through machine



Raw material transfer in covered trucks



Regular water spray on road

Sagar Cements Limited

Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019

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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 devices 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.



Road sweeping through machine



floor cleaning through machine

9	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation, Use closed bulkers for carrying fly ash.	Being complied. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023. We have provided closed sheds for all type of raw materials and every transfer point bag filter is installed. For fly ash, we are using bulkers and closed circuit to transfer the material through pneumatic conveying system only.
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Raw material transfer in covered trucks

*Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalanganar
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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.

Being complied.

The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023

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. Separate truck parking area has been provided and all the truck suppliers submitted vehicle emission certificates.

Form 59
(See rules 115 (2))

Pollution Under Control Certificate
Authorised By: Government of Odisha

Date : 15/11/2024
Time : 13:20:14 PM
Validity upto : 14/11/2025

Certificate No. : OR03400540006511
Registration No. : OD02CNB844
Date of Registration : 17/Nov/2023
Month & Year of Manufacturing : October-2019
Valid Mobile Number : 999992019
Emission Norms : Bharat Stage VI
Fuel : DIESEL
PUC Code : OR0340054
GSTIN : 21FSTPM6612H1ZJ
Fees : Rs.177.00(Including GST)
MIL observation : No

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	2	3	4	5
Idling Emissions	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	0.7	0.54

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>

Authorised Signature with stamp of PUC Operator (60mm x 20 mm)

Form 59
(See rules 115 (2))

Pollution Under Control Certificate
Authorised By: Government of Odisha

Date : 15/11/2024
Time : 13:24:11 PM
Validity upto : 14/11/2025

Certificate No. : OR03400540006512
Registration No. : OD02CNB876
Date of Registration : 17/Nov/2023
Month & Year of Manufacturing : December-2019
Valid Mobile Number : 999992019
Emission Norms : Bharat Stage VI
Fuel : DIESEL
PUC Code : OR0340054
GSTIN : 21FSTPM6612H1ZJ
Fees : Rs.177.00(Including GST)
MIL observation : No

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	2	3	4	5
Idling Emissions	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	0.7	0.5

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>

Authorised Signature with stamp of PUC Operator (60mm x 20 mm)

Vehicle emission is under control and Authorized agency certificates



Vehicular are covered tarpaulin

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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.	Being complied. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023 and now the project is under operation phase, plant Maximum raw materials like clinker & slag transport through wagons by using Sukinda railway sliding only. As per CTO substantial arrangements for transport of to and fro of raw material and end products by Railways will be taken place in phase wise manner and accordingly we will reduce the road transport and decrease the carbon foot print of the industry. In plant area belt conveyors are provided for transportation of all the raw materials with covered roof.
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Covered belt for raw material transfer



Covered Raw material storage

12	Raw material and products shall be stored under covered shed.	Being complied. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023 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.
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Concrete silo for product storage



Concrete silo for Clinker storage

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13	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, and cement bagging plants.	Being complied. We have provided ventilation system as per the guidelines.
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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, Manual, Large plants, Continuous).	Being complied. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023. The reports of equipment like bag filter supplier and other monitoring devices is being submitted by Visiontek agency.
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.	Being complied. The water withdrawal is surface water from IDCO water works, Vide Order No: BBSR/WS & EC Divn. II/Agg No 20/2022-23 Dated; 29.09.2022. There is no scope for the ground water withdrawal.
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 The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023 The project is completed as per the CTO surface water testing on monthly basis. Reports attached.
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.

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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 waste water is used for green belt development. Test reports attached. Annexure-VI
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Sewage treatment Plant 50 KLD

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 and implemented.



Rainwater harvesting pit

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8	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Being complied.
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p><u>Raw Inlet Water Meter from IDCO</u></p> </div> <div style="text-align: center;">  <p><u>Process Water Meter</u></p> </div> </div>		
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.	Noted for compliance. Rain water harvesting system constructed and the management is very enthusiastic towards water conservation and see all the possibilities for conserving water.

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.	Being complied. At present we are doing monthly monitoring of the intensity of noise level as per the guidelines of CTO, through third party agency Visiontek accredited by NABL laboratory Certificate No: TC- 7944. Noise level report is attached below.
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*Factory Address: Sagar Cements Limited, At-Kacherigaon, Dasmania, Chandia, Kalanganar
Industrial Complex, Tehsil-Danagadi, Dist-Jajpur, Odisha-755026*

Sagar Cements Limited

Environmental Clearance Order No: 6715/SEIAA Dated:21-05-2019

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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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.	Being complied. Noise level report is attached below, and it is under the norms. Annexure-VII
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(Ambient Noise Monitoring Data From Oct." 2024 to Mar." 2025)																							
Month		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25		(Oct." 2024 to Mar." 2025)									
Location	Category	Prescribed Limit 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	Min.	Max.	Avg.	Min.	Max.	Avg.				
Near Plant Main Gate Area	Industrial	75	70	57.3	55.8	55.2	52.6	56.3	53.1	57.4	54.7	56.9	55.2	63.9	55.3	55.2	63.9	57.8	52.6	55.8	54.5		
Near Cement Mill Area	Industrial	75	70	65.4	60.4	56.5	54.4	56.9	54.8	58.2	55.4	59.2	55.8	71.2	60.4	56.5	71.2	61.2	54.4	60.4	56.9		
Near Hopper Building Area	Industrial	75	70	55.7	51.3	57.8	55.1	58.4	55.7	59.6	56.1	60.1	57.8	62.4	59.7	55.7	62.4	59.0	51.3	59.7	56.0		

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.

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.

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Quantity 1.5 Million TPA



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.
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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 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.	Complied. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 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 report is attached below. Annexure-VIII

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 May 2018. As applicable, regarding Corporate Environment Responsibility.	Noted for compliance The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023 and we are doing the CSR activities in and around the factory CSR value budget is attached below.
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2	<p>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.</p>	<p>Noted for compliance. We are bound to the conditions imposed in the consent order. We have laid down company Environment Policy and follow it.</p>																		
3	<p>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>	<p>Being complied. 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>																		
4	<p>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>	<p>Noted for compliance. Details of Expenditure incurred during FY. 2024-25 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; background-color: #f2f2f2;">Expenditure during FY. 2024-25</th> </tr> <tr> <th style="width: 10%;">S.No.</th> <th style="width: 60%;">Particulars</th> <th style="width: 30%;">FY. 2024-25 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;">4.5</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Pollution monitoring & mitigation measures</td> <td style="text-align: center;">10.07</td> </tr> <tr> <td style="text-align: center;">3</td> <td>House keeping</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total</td> <td style="text-align: center;">44.57</td> </tr> </tbody> </table>	Expenditure during FY. 2024-25			S.No.	Particulars	FY. 2024-25 Cost (In Lacs Rupees)	1	PCM Maintenance	4.5	2	Pollution monitoring & mitigation measures	10.07	3	House keeping	30.00	Total		44.57
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Sagar Cements Limited

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5	Self-environmental audit shall be conducted annually, every three years third party environmental audit shall be carried out.	Noted for compliance. Environmental audit is being done on periodic basis. As per CTO order regular monitoring is conducting through third party.
6	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	Noted for compliance. The project authority has a CREP- Corporate Environment Social Responsibility in the corporate level.

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.
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.
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: 4799 / IND-I-CON-6806 dated 27.03.2023 Operations start date on 04.03.2022

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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

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. The project is accorded with CTO vide order No: 4799 / IND-I-CON-6806 dated 27.03.2023. We are submitting the Six-Monthly Condition - wise compliance.
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.
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, plant under operation & production.
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.

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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.
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	Noted for compliance. We are abiding by the law.

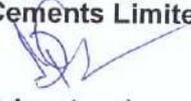
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	their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	
16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred 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)