



SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)

(A Subsidiary of SAGAR CEMENTS LIMITED)

SCMPL/ENV/EC/2025-26

Date: 30.04.2026

To,
The Director,
Regional Office (Western Zone)
Ministry of Environment & Forests
Kendriya Paryavaran Bhawan
E-5, Arera Colony, Link Road -3,
Ravishankar Nagar, Bhopal (M.P)-462016

Sub: Submission of Compliance report of stipulated conditions in Environment Clearance of M/s. Sagar Cements (M) Private Limited at village- Karondiya Tehsil- Gandhwani, District- Dhar(M.P.) for the period from October - 2025 to March - 2026.

Ref: Environmental Clearance Letter No. IA-J-11011/280/2024-IA-II(Ind-I) Date 07/05/2025

Dear Sir,

As per above subjected letter, we are enclosing herewith Compliance report of stipulated conditions in Environment Clearance for the period of **October - 2025 to March - 2026** of Sagar Cements (M) private Limited, Village - Karondiya, Post- Jeerabad, District- Dhar (MP) for your kind information please.

Thanking you,

Yours faithfully
For Sagar Cements (M) Private Limited.


Niraj Kumar Shrivastava
Vice President (Works)

Cc to

- 1. The Additional Principal Chief Conservator of Forest (Central),** - For kind information pl.
Ministry of Environment, Forest & Climate Change,
Regional Office, Western Region, Kendriya Paryavaran Bhawan,
Link Road No.3, E-5, Ravishankar Nagar, Bhopal-462016(M.P.)
- 2. The Member Secretary** - For kind information pl.
Central Pollution Control Board
Parivesh Bhawan, East Arjun Nagar, Delhi - 110032
- 3. The Member Secretary** - For kind information pl.
MP Pollution Control Board, Paryavaran Pariser,
E-5, Arera colony, Bhopal (MP) -462016
- 4. The Zonal Officer** - For kind information pl.
Central Pollution Control Board
3rd Floor, Sahkar Bhavan, North T.T Nagar, Bhopal (M.P) - 462003
- 5. The Regional Officer** - For kind information pl.
M.P.Pollution Control Board,
Scheme No. 78/C, Part- 2
Vijaynagar, Indore, 452010
Madhya Pradesh

Registered Office : 602/A and 602/B, Airen Heights PU - 3, Scheme No. 54, Opp. C - 21 Mall, A.B. Road, Indore - 452001, Madhya Pradesh.

Phone: 0731-4075937, 4093290

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

Phone : +91-40-23351571, 23356572 Fax : +91-40-23356573 E-mail : info@satgurucement.in CIN : U26942MP2001PTC014599 GSTIN : 23AAHCS7069P1ZN

Factory : Karondiya (Vill.) Post- Jeerabad-454446 Teh. Gandhwani, Dist. Dhar, Madhya Pradesh.

Name of the Project : Sagar Cements (M) Private Limited
Village- Karondiya , Post - Jeerabad, Tehasil - Gandhwani, District- Dhar (M.P.)

Project Code : SW/177087/2024

Letter No : IA-J-11011/280/2024-IA-II(Ind-I) Date 07/05/2025

Period of Compliance Report : October 2025 to March 2026

Specific EC Conditions for (Cement Plants)

1. Specific

S. No	EC Conditions	Remark
1.1	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Noted and agreed ,
1.3	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be	Noted and agreed We are developing green belts in and around the plant for carbon sequestration. Green belt developed in about 10 Ha area. Also using

submitted to the IRO, MoEF&CC in this regard.

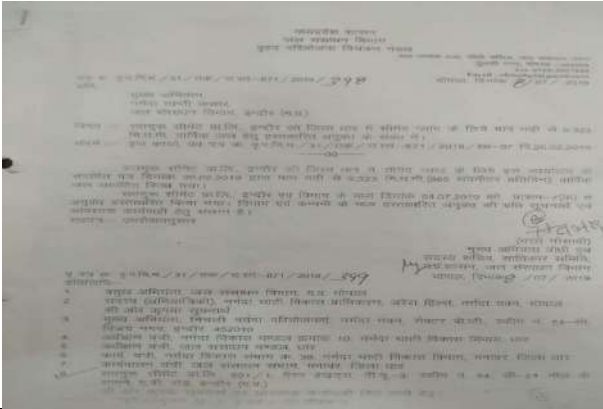
Alternative fuel and raw material (AFR) to reduce the carbon emission.



1.4

The project site is surrounded by several nearby habitations along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.

Noted and agreed,
We are regularly planting plant sampling for development of Green belt and maintaining the same. Green belt developed in about 10 Ha area.

1.5	<p>There are water bodies reported within the study area of the project site. A robust and foolproof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.</p>	<p>Being Complied. Our cement plant is dry process hence no any water is being generated from the process. No any water is being discharge in natural water body. We have also constructed 11 rain water harvesting recharge borewell with pit. Tree plantation, grasses and shrubs is being developed for Erosion control measures.</p>
1.6	<p>Existing water requirement is 685 m³/day. For the proposed project, the estimated water requirement is 720 m³/day, of which 610 m³/day will be sourced from the Man River as fresh water, and the remaining 110 m³/day will be met through recycled water. PP shall obtain necessary permission from the Competent Authority</p>	<p>We are taking water from Man river for operation of plant and taken 885 KLD extraction permission from WRD, M.P.</p> 
1.7	<p>Three tier Green Belt shall be developed in atleast 33% of the project area, in a period of 1 year, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall ensure that Conocarpus species be discontinued and gradually replaced with native tree species. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant</p>	<p>Noted and agreed We are developing green belt inside the plant and all around the periphery of plant area . So far, about 19000 numbers of plant sapling of different native species like karanj, chirol, neem, etc. have been planted in about 10.0 hectare area till date. Our unit has been discontinued the plantation of Conocarpus species. (The Photographs of Plantation enclosed as</p>

premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.

Annexure - 8)



1.8

The PP shall undertake plantation in the earmarked 33% or 40% greenbelt area, as the case may be, in compliance to MoEFCC OM dated 24.07.2024 as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (<https://merilife.nic.in>)

Noted and agreed
We have developed green belt in more than 33 % area and plantation activity is being uploaded in MeriLiFE Portal.

Meri 100

Sagar Cement Private Limited - 2025

Dashboard

Action Report

Intervention Reporting Form

Create an Opportunity

Upcoming Opportunities

Ongoing Opportunities

Completed Opportunities

Blocked Opportunities

Digital Submitter Registry

New Action Report

Sl. No.	Theme Name	Short description of need	Location of the Party	Type of Issue	Number of users	Status of Issue	Created on	Updated on
100001	Water Resource	Water Resource & Management & Conservation	Madhya Pradesh	Water	1	Active	10/01/2025	10/01/2025
100002	Water Resource	Water Resource & Management & Conservation	Madhya Pradesh	Water	1	Active	10/01/2025	10/01/2025
100003	Water Resource	Water Resource & Management & Conservation	Madhya Pradesh	Water	1	Active	10/01/2025	10/01/2025




1.9 All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting

Noted and agreed
All the commitments made towards socio-economic development of the nearby villages will be implemented one by one. About Rs.

	to Rs. 0.955 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.	2028902/- has been expended during Oct.2025 to March-2026 towards socio-economic development . Details are attached as annexure- 1
1.10	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village in consultation with the State Administration.	Noted and agreed We are working in different villages with tailored activities to improve livelihoods like skill development, support in agriculture, health; education etc. because each village has unique socio-economic conditions, resources, and challenges.
1.11	PP shall implement skill development programs (like Mission LiFE, ODOP, GSDP etc.) aligned with relevant Government initiatives/ programmes to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. A detailed action plan and monitoring mechanism (covering target beneficiaries, training modules, and expected outcomes). Periodic progress reports shall be maintained, and submitted to RO MoEFCC.	Noted , To empower women by providing stitching and tailoring skills, enabling them to earn income and become self-reliant, unit started skill development program for local communities which has economically weaker sections, unemployed women etc. for development of women skills. About 31 women beneficiaries got the opportunities



		
1.12	<p>The recommendations of the approved Site-Specific 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 to the concerned Regional Office of the MoEF&CC.</p>	<p>Wild Life Management plan submitted to Wild life conservator for approval. Annexure - 2</p>
1.13	<p>CO sensors with alarm should be installed at strategic locations in the Plant.</p>	<p>Noted and agreed, Under progress.</p>
1.14	<p>The health of the soil in the vicinity of the Plant (5 K.M. radius) must be monitored periodically (once a year) and reported to the IRO.</p>	<p>Analysis of Soil collected near the plant is being done once in a year Annexure – 3</p>

CERTIFICATE OF ANALYSIS

CHOKSI LABORATORIES LIMITED
 Issued from:
 Choksi Laboratories Limited (Building - 2 "Pasteur")
 Survey No. 9/2, Balaji Tulsiyana Industrial Estate,
 Named: Off. M.A. 10 Toll Naka,
 Indore - 452010 (M.P.) INDIA.

Issued to: SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE KARONCHIYA, POST: JEEFRABAD, TEH. GADHWANI, DIST. DHAR Madhya Pradesh India - 454446	CoA ID: 0580001724-25 Report No.: 0580001724-25 (v1) Issue date: 19-11-2024 Customer Ref(s): N/M Customer ID: SC240030
Sample Name: SOIL Manufacture License No: N/M Manufacturer Name: N/M Manufacturing Date: N/M Reference of Letter: N/M Date of Letter: N/M Date of Receipt: 30-10-2024 Batch Number: N/M Batch Size: N/M A.R. Number: N/M Expiry / Retest Date: N/M	Sample Quantity: 5 KG APX. Sealed / Unsealed: Unsealed Packing: POLYETHENE PACK Analysis Start Date: 04-11-2024 Analysis End Date: 16-11-2024 Sampling Date: N/M Sampled By: Client Sampling Location: N/M Page Number: 1 of 1

Sr.No.	Characteristics	Unit	Result	MDL	Reference Method
Chemical Parameters					
1.	pH	Not Applicable	8.30	N/M	FERTILISER CONTROL ORDER, 1985
2.	Total Nitrogen	%	0.1900	N/M	Laboratory Manual for Soil Analysis
3.	Potassium as K ₂ O	%	0.1300	N/M	Analysis of Soil & Sediment
4.	Conductivity (5% suspension solution)	µs/cm	102	N/M	Analysis of soil and sediments
5.	Total Organic Carbon	%	0.49	N/M	Analysis of soil and sediments

[End of Report]


Remarks:
 1. Sample not drawn by CLL representative and sample information as furnished by customer.
 2. Test report shall not be reproduced either in part or in full, without written approval of CLL Management.
 3. CLL does not give any opinion or interpretation of the same.
 4. This certificate refers only the particular item tested and reported parameters submitted for analysis
 5. Total Liability of CLL is limited to the invoiced amount.

1.15 PP shall implement cleaner production and waste minimisation measures, and initiate coordinated action on activities of environmental awareness, education and conservation (covering plantation, solar energy, water harvesting, waste management, green skills etc.) through a dedicated institutional mechanism. The actions shall be monitored reported to RO MoEFCC on regular basis through the self compliance reporting mechanism.

Noted and agreed
 We have started sustainable production by implementing ARM as fly ash and FGD gypsum. Also utilizing AFR to save the fossil fuel and reduce the carbon emission. Every Thursday, a pledge is taken to promote water conservation, discontinue single-use plastic, and encourage the saving of power and energy at main gate among the employee.



1.16	Necessary coordination shall be made with concerned SPCB (who is responsible for Compliance of OM dated 14-01-2025) regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE.	Noted And agreed
	Standard EC Conditions for (Cement plants) 1. Statutory Compliance	
S. No	EC Conditions	Remark
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Noted and agreed
1.2	This Environmental clearance is granted subject to final outcome of	Noted and agreed

	Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	
	2. Air Quality Monitoring And Preservation	
S. No	EC Conditions	Remark
2.1	The project proponent shall carryout Continuous 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>SCMPL has already installed two CAAQMS at the plant site considering upwind and downwind direction.</p> <p>In addition to this, we are carrying out Environment Monitoring / ambient air quality monitoring through third party at four location at the periphery of the plant boundary covering upwind and downwind direction.</p> 
2.2	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and	We have been installed four 24x7 online Continuous emission monitoring system in the stacks viz. Cooler ESP stack, Raw mill and kiln bag house stack, coal mill stack and cement mill stack. We have installed 2 CAQMS for monitoring Ambient air quality. Also CEMS and CAAQMS

CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

data has been connected with CPCB/MPPCB server.



Opacity meter for Cooler ESP



Opacity meter for Rawmill & Kiln



Opacity meter for Coal Mill



Opacity meter for Cement Mill



CAAQMS -1



CAAQMS -2

2.3

The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized

Noted and agreed. We are doing fugitive emissions monitoring on quarterly basis in the

	under Environment (Protection) Act, 1986 or NABL accredited laboratories.	plant premises by third party agency which is NABL approved laboratory. Annexure – 4
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	Sampling facility at process stacks has been provided as per CPCB guidelines for manual monitoring of emissions.
2.5	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	<p>We installed 67 nos. of Bag filters including at all the material transfer points & stacks and 1 ESP to control the emission from the process and fugitive emissions. The details of APC is enclosed as Annexure 5. All the conveyor belts for material transportation are covered to control the fugitive dust emission. Regular sweeping of the floors and roads by sweeping machine has been provided. Pucca cement road & flooring have been provided.</p> <p>All the four stack emissions are control by the effective Air Pollution Control (APC) system like Electrostatic precipitator (ESP) , Bag House and Bag filters to comply the prescribed standards.</p>

Bag filter



2.6 The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.

We have provided a mechanized bag cleaning facility and proper maintenance schedule for bag filter for better maintenance of bags.

2.7 Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.

Regular roads and shop floors cleaning are being done by mechanized road sweeping machine as well as manual road sweeping machine.



2.8 Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.

The trucks and dumpers for carrying coal and other raw materials are being covered with tarpaulins. Fly ash is being transported through closed bulkers only.




2.9	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	Not Applicable - We have Waste Heat Recovery system for utilization of heat generated in PH and Kiln ESP & Bag house.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Covered storage sheds have been provided for stock piles of limestone, coal & gypsum. Fine coal, clinker, cement and fly ash are being stored on silos.



2.11	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Proper ventilation systems for tunnels, compressor/blower house & for packing plant have been provided.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.	<p>All the CREP recommendation is being followed. The details are as below:</p> <ul style="list-style-type: none"> ➤ PM concentration is being maintained below 30 mg/Nm³ for all the stacks. For controlling the dust emission, bag house have been provided at major process stacks i.e. Raw mill & kiln, coal mill & cement mill. Cooler stack is equipped with highly efficient Electrostatic Precipitator (ESP) . ➤ Applicable notified standards for SO₂ & NO_x are being maintained within the norms. ➤ Fugitive dust emission controlled by providing closed storage silo for clinker, fly ash, cement and covered shed provided for coal, lime stone, raw materials(additives) and gypsum. Closed conveyor belts and dust collectors provided at all the raw material transfer points. Water spray arrangement has been

		<p>provided at lime stone dump hopper & coal unloading points. Bulklers is being used for transportation of fly ash and unloading is being done by pneumatic system directly in to fly ash silo.</p> <ul style="list-style-type: none"> ➤ Opacity monitors installed at all the major stacks of cement plant for continuous monitoring of (PM). continuous emission monitoring system installed for monitoring of flue gases SO₂ & NO_x in Raw Mill & kiln bag house stack. ➤ The Waste Heat Recovery System (WHRS) had been provided for power generation. <p>Online Continuous Emission Monitoring system (CEMS) has been installed and connectivity is given to server of MPPCB and CPCB.</p>
2.13	<p>The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.</p>	<p>We installed 67 nos. of Bag filters including at all the material transfer points & stacks and 1 ESP to control the emission from the process and Fugitive emissions. All the conveyor belts for material transportation are covered to control the fugitive dust emission. Regular sweeping of the floors and roads by sweeping machine has been provided. Pucca cement road & flooring have been provided. Annexure – 5</p> <p>All the four stack emission are control by the effective Air Pollution Control (APC) system like</p>

		<p>Electrostatic precipitator (ESP) , Bag House and Bag filters to comply the prescribed standards. Water sprinklers provided for arrest of suspended dust in atmosphere.</p> <p>Our Unit is using EV Loaders for material shifting for control of Transport emission.</p> 
2.14	<p>Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.</p>	<p>Regular maintenance of bag filters are being done for better efficiency.</p>
2.15	<p>Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.</p>	<p>Water sprinklers are installed in different place to control fugitive emissions.</p>



2.16	<p>The particulate matter emissions from the process stacks shall be less than 30 mg/Nm³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.</p>	<p>All the four stack emission are control by the effective Air Pollution Control (APC) system like Electrostatic precipitator (ESP) , Bag House and Bag filters to comply the prescribed standards less than 30 mg/Nm³.</p>
2.17	<p>Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall</p>	<p>We installed 67 nos. of Bag filters including at all the material transfer points & stacks and 1 ESP to control the emission from the process and Fugitive emissions. All the conveyor belts for material transportation are covered to control the</p>

be provided in entry and exit gates with complete recirculation system.

fugitive dust emission. Regular sweeping of the floors and roads by sweeping machine has been provided. Pucca cement road & flooring have been provided.

The trucks and dumpers for carrying coal and other raw materials are being covered with tarpaulins. Fly ash is being transported through closed bulkers only.



3. Air Quality Monitoring And Preservation In Case Of Integrated Cement Plants

S. No

EC Conditions

Remark


3.1	Provide Low NOx burners as primary measures and SCR /NSCR technologies as secondary measure to control NOx emissions.	Low NOx calciner provided for controlling NOx emission. Pyro redox system has been also provided to keep NOx emissions with in the norms.
3.2	The emission norms applicable for the cement plant shall be adhered to.	Noted and agreed
3.3	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.	Noted and agreed
3.4	De SOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm ³ by using best available technology	Low NOx calciner provided for controlling NOx emission. Pyro redox system has been also provided to keep NOx emissions with in the norms and maintaining below 600 mg/Nm ³ .
3.5	Petcoke dosing shall be controlled automatically to control SO ₂ emission from chimney within the prescribed limits.	Noted CEMS has been provided in the Preheater kiln stack which continuously monitor SO ₂ emission from chimney and also monthly Monitoring is being done through third party and is within the prescribed limit.
3.6	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.	Noted and agreed.
3.7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	All the CREP recommendation is being fallowed. The details are as below: ➤ PM concentration is being maintained below 30 mg/Nm ³ for all the stacks. For controlling the dust emission, bag house have been provided at major process stacks i.e. Raw mill

&kiln, coal mill & cement mill. Cooler stack is equipped with highly efficient Electrostatic Precipitator (ESP) .


- Applicable notified standards for SO₂ & NO_x are being maintained within the norms.
- Fugitive dust emission controlled by providing closed storage silo for clinker, fly ash, cement and covered shed provided for coal, lime stone, raw materials(additives) and gypsum. Closed conveyor belts and dust collectors provided at all the raw material transfer points. Water spray arrangement has been provided at lime stone dump hopper & coal unloading points. Bulklers is being used for transportation of fly ash and unloading is being done by pneumatic system directly in to fly ash silo.
- Opacity monitors installed at all the major stacks of cement plant for continuous monitoring of (PM). continuous emission monitoring system installed for monitoring of flue gases SO₂ & NO_x in Raw Mill & kiln bag house stack.
- The Waste Heat Recovery System (WHRS) had been provided for power generation.


Online Continuous Emission Monitoring system (CEMS) has been installed and connectivity is

		given to server of MPPCB and CPCB.
3.8	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.	Not applicable as no Coal based Captive Power Plant.
3.9	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m ³ , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.	Noted and agreed
	4. Water Quality Monitoring And Preservation	
S. No	EC Conditions	Remark
4.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time 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	Not applicable as no effluent is generated from the cement plant process as the cement manufacturing is based on dry process technology. However treated water from STP & WHRB is reusing for plantation/green belt development & dust suppression purpose. Zero effluent discharge is being maintained inside/outside of plant premises.
4.2	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.	Not applicable as there is no borewell in the plant. We are using Mann river water as per approval from WRD. But ground water quality of adjacent area is being monitored through accredited lab on quarterly basis.

<p>4.3</p>	<p>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.</p>	<p>Covered storage sheds for stockpiles of lime stone, coal and gypsum have been provided. Garland drains surrounding the stock piles of lime stone, coal and gypsum have been provided. 11 Rainwater harvesting structures are provided.</p>
<p>4.4</p>	<p>Water meters shall be provided at the inlet to all unit processes in the steel plants.</p>	<p>Water meters has been provided for the inlet to the critical unit processes in cement plant.</p> 
<p>4.5</p>	<p>The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.</p>	<p>Not applicable as our unit is cement plant. But we are using STP treated water totally in green belt development and WHRS waste water for green belt as well as dust suppression to reduce fresh water consumption</p>
<p>4.6</p>	<p>The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.</p>	<p>The zero liquid discharge is being maintained & there is no discharge of waste water outside plant premises. The treated water from STP & WHRS is being 100% utilizing for plantation/greenbelt development & dust suppression purpose. 150 KLD Sewage Treatment Plant for colony and 60 KLD STP for plant has been installed for treatment of domestic and sewage waste water.</p>

		 <p style="text-align: center;">STP in Plant</p>
<p>4.7</p>	<p>All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.</p>	<p>Concrete flooring of Stockyards has been provided. Covered storage sheds for stockpiles of limestone, coal and gypsum have been provided. Garland drains surrounding the stockpiles of limestone, coal and gypsum have been provided.</p>
<p>4.8</p>	<p>Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.</p>	<p>We have provided rainwater harvesting in the plant premises area. eleven number of recharge borewell with recharge pit for rainwater harvesting has been constructed for rainwater harvesting.</p>
		

4.9	Air Cooled condensers shall be used in the captive power plant.	Not Applicable as No captive power plant
5. Noise Monitoring And Prevention		
S. No	EC Conditions	Remark
5.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	<p>Noise level monitoring is being done through accredited NABL lab on Monthly basis and same is being submitted regularly to the Regional Officer.</p> 
5.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during nighttime.	Ambient Noise levels are being carried out by third party and within the prescribed rules. Reports is enclosed.
5.3	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.	Noted and agreed, We have identified high noise area and ear plug/muff are provided to workers working in noisy area.

6. Energy Conservation Measures		
S. No	EC Conditions	Remark
6.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	Agreed, Solar power generation on roof tops building, for solar light system installation is done. 
6.2	Provide LED lights in their offices and residential areas.	Agreed and we have provided LED lighting fixtures in all office area & residential areas.
7. Energy Conservation Measures In Case Of Integrated Cement Plants		
S. No	EC Conditions	Remark
7.1	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.	Noted and efforts is being taken for energy conservation practices.
7.2	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	Noted, Maximum fly ash is being used as per the BIS Guidelines.
7.3	Maximize utilization of alternate fuels and Co-processing to achieve	Noted, We are using AFR (Plastic waste) in the

	best practice norms.	cement Kiln for co-processing.
7.4	Waste heat recovery system shall be provided for kiln and cooler.	Waste Heat recovery System (WHRS) has been provided.
	8. Waste Management	
S. No	EC Conditions	Remark
8.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.	Noted, Oil collection pit has been provided in the used oil storage room.
8.2	Kitchen waste shall be composted or converted to biogas for further use.	A very small quantity is being generated as kitchen waste and kitchen based biogas plant is installed.
8.3	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Not applicable - In our Cement plant, no any fly ash generation take place. Fly ash purchased from NTPC which is being used in making cement as per BIS Guidelines.
8.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines- 3/ . All the project proponents are hereby requested to sensitize and create	Noted and agreed. Every Thursday we are taking pledge of Not use Single Use Plastic among all employee at Gate meeting.

awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.



SAGAR CEMENTS (M) PRIVATE LIMITED

Jeerabad (Dhar) M.P.

प्लास्टिक प्रतिज्ञा

- "मैं प्रतिज्ञा करता हूँ मैं पर्यावरण को बचाने के लिए, जितना संभव हो सकेगा (सिंगल यूज प्लास्टिक) वस्तुओं का उपयोग नहीं करूँगा।"
- "मैं प्लास्टिक बैग की जगह पेपर बैग और कपड़े के बैग का इस्तेमाल करूँगा।"
- "मैं खुद भी और दूसरों को भी जागरूक करूँगा ताकि प्लास्टिक प्रदूषण से जल, जंगल और जमीन को बचाया जा सके"

(हमें प्लास्टिक को हराना है, हमें पृथ्वी को बचाना है)

8.5

A proper action plan must be implemented to dispose of the electronic waste generated in the industry.

E-Waste is being disposed through authorized vender only. E-waste annual report is being submitted regularly.

9. Green Belt		
S. No	EC Conditions	Remark
9.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	<p>The company started capturing its GHG inventory every month. Through its detailed environment policy, Sagar Cements has undertaken several measure for reduction of GHG emissions</p> <ol style="list-style-type: none"> 1- To reduce CO2 intensity by adopting the best technologies and practices across all functions from manufacturing to distribution. 2- To reduce energy intensity while continuously increasing the ratio of green energy and alternate raw materials and fuels. 3- Minimizing transport emissions by reducing the lead distance and gradually migrating . 4- Reduction of Clinker ratio. 5- Green belt development work is going inside as well as out side the plant premises etc. <p>GHG Inventory is enclosed as Annexure – 6</p>
9.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.	<p>Noted and agreed</p> <p>we are committed to addressing climate change and have been developing our GHG emissions inventory for the plant – Jeerabad. In 2024 (FY25), we were the first Indian cement company as a group to have long term CO2 emission reduction targets, validated by SBTi, in line with the Corporate Net Zero Standard.</p>

1-To reduce CO2 intensity by adopting the best technologies and practices across all functions from manufacturing to distribution.
 2-To reduce energy intensity while continuously increasing the ratio of green energy and alternate raw materials and fuels.
 3-Minimizing transport emissions by reducing the lead distance and gradually migrating .
 3- Reduction of Clinker ratio.
 4-Green belt development work is going inside as well as out side the plant premises etc.

Annexure – 6

Description	UOM	2023-24	2024-25	2025-26 (Q1)	Short Term	Mid term
					2025-26	2030
Scope-1	Kg Co2 /Ton of cement atious	684.9	681.0	658	632.7	495.0
Scope-2	Kg Co2 /Ton of cement atiou	39.4	38.0	34		8
Scope-3	Kg Co2 /Ton of cement atious	5.5	6.7	6	6	3

9.3 Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

Noted, we have already developed green belt area in the plant premises to arrest dust pollution and exposed surface is maintained by green grasses and concrete road. Green belt is

		enclosed as Annexure – 8.
	10. Public Hearing And Human Health Issues	
S. No	EC Conditions	Remark
10.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Approved onsite emergency plan for the plant has been prepared.
10.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	Each work men in the plant has been provided necessary Personal Protection Equipment (PPE) before start of work. Drinking water arrangement in different place in plant has been provided.
10.3	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.	Noted and agreed, House of construction labour has been made with proper facility for safe drinking water , medical health care, electricity, etc. has been provided.
10.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Occupational Health checkup of all the employee is being done on regular basis and records is being maintained.
	11. Environment Management	
S. No	EC Conditions	Remark
11.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and	Though the unit is regularly executing number of CSR and CER program throughout the year with various CSR/CER activities like Drinking water arrangements, Roads, Drains, Community

	undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.	Welfare, Education, Health, Skill development, Promotion of Sports/Culture/Spirituality, plant saplings distribution etc. taken up. The Details CSR/CER report is enclosed as Annexure -1
11.2	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.	Noted, The Company have well defined environmental policy duly approved by the Director. The company have well defined system of ensuring compliance and reporting of non-compliance / violation of Environmental Norms to the Board. Enclosed as Annexure- 7
11.3	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.	A separate environmental Management Cell has been established with well qualified personnel are deployed who are directly reporting to the Head of Unit.
11.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.	Noted and agreed
	12. Miscellaneous	
S. No	EC Conditions	Remark
12.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and	Environmental Clearance granted for the project is advertised in two local news paper i.e. Free

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 proponent's website permanently.

Press and Danik Hindustan Mail on 10th May 2025 and also uploaded on the company website.

FREE PRESS - MAY-10-2025

General Information

The general public is informed that SAGAR CEMENTS (M) PRIVATE LIMITED, 602, Airen Heights, PU-3 Scheme No. 54, Opp. C-21 Mall, A. B. Road, Indore, Dist. Indore, DHAR, MADHYA PRADESH, 452001 has been accorded Environmental Clearance (EC) Vide File No: IA-J-11011/280/2024-IA-II (Ind-I) dated 07.05.2025 (Project Id- SW/177087/2024) from Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India for Expansion of Cement Plant Capacity; Clinker 0.825 MTPA to 1.10 MTPA, Cement: 0.95 MTPA to 1.5 MTPA by Balancing of Auxiliary Equipment. The copy of environment clearance letter is available on the website <https://parivesh.nic.in/> of MoEFCC.

Therefore, the general public should be informed.



Authorized signatory
SAGAR CEMENTS (M) PRIVATE LIMITED,

दैनिक हिन्दुस्तान मेल 10.5.25

आम सूचना

सर्व साधारण को सूचित किया जाता है कि सागर सीमेंट्स (एम) प्राइवेट लिमिटेड, 602, ऐरन हाइट्स, पीयू-3 स्कीम नंबर 54, सी-21 मॉल के सामने, ए.बी. रोड, इंदौर, जिला इंदौर, धार, मध्य प्रदेश, 452001 को पर्यावरण स्वीकृति (ई सी) फाइल नंबर: IA-J-11011/280/2024-IA-II(Ind-I) दिनांक 07.05.2025 (परियोजना आईडी-SW/177087/2024) के अनुसार पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय (MoEFCC) भारत सरकार से सीमेंट संयंत्र की क्षमता विस्तार, क्लिंकर 0.825 MTPA से 1.10 MTPA, सीमेंट: 0.95 MTPA से 1.5 MTPA, सहायक उपकरण के संतुलन द्वारा के लिए प्रदान की गई है। पर्यावरण स्वीकृति पत्र की प्रति पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की वेबसाइट [https:// parivesh.nic.in/](https://parivesh.nic.in/) पर उपलब्ध है। अतः सर्वसाधारण को सूचित हो।

अधिकृत हस्ताक्षरकर्ता
सागर सीमेंट्स (एम) प्राइवेट लिमिटेड,

<p>12.2</p>	<p>The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats 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.</p>	<p>The copies of the environmental clearance has been submitted to the Heads of local bodies, Panchayats etc.</p> <div style="text-align: right;">  <p>SAGAR CEMENTS (M) PRIVATE LIMITED (A Subsidiary of SAGAR CEMENTS LIMITED)</p> </div> <p style="text-align: right;">Date- 09.05.2025</p> <p>सेवा में माननीय सरपंच महोदय गांव - करौंदिया और अतरसुमा पोस्ट - जीराबाद जिला - धार (म.प्र.)</p> <p>विषय - पर्यावरण मंजूरी की प्रति प्रस्तुत करने के संबंध में</p> <p>प्रिय महोदय, आपकी जानकारी के लिए यह सूचित किया जाता है कि सागर सीमेंट्स (एम) प्राइवेट लिमिटेड को फाइल संख्या: IA-J-11011/280/2024-IA-II(Ind-I) दिनांक 07.05.2025 (प्रोजेक्ट आईटी-SW/177087/2024) के तहत पर्यावरण मंजूरी (EC) प्रदान की गई है। पर्यावरण मंजूरी की शर्त के अनुसार, हम आपको जानकारी के लिए दी गई पर्यावरण मंजूरी की प्रति प्रस्तुत कर रहे हैं। कृपया इसके लिए यादती रसीद उपलब्ध कराने की कृपा करें।</p> <p>धन्यवाद</p> <p><i>[Signature]</i> (अधिकृत हस्ताक्षरकर्ता) सागर सीमेंट्स (एम) प्राइवेट लिमिटेड,</p> <div style="text-align: right;">  सरपंच गांव पंचायत करौंदिया ज. प. ग. पंचायती (जि. धार) </div> <p style="font-size: small;"> Registered Office: 100, Anandnagar, Plot-8, Scheme No. 54, Opp. C-21 Mall, A B Road, INDORH-452001 (M.P.) Phone: 0311-250071-872 Corporate Office: Plot No. 111, Road No. 10, Jubilee Hills, Hyderabad-500033, Telangana, INDIA. Phone: +91-40-23351571, 23350672 Fax: +91-40-23350673 Email: info@sagarceemts.com www.sagarceemts.com POC: 01457926129, 23AAE-S20639429 Factory: Kamalapur, Dist. Indore, M.P. Phone: +91-771-250071-872, Dist. Bhopal, Madhya Pradesh </p>
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12.3	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.	Noted and agreed, We are uploading the status of compliance of EC on our website regularly.
12.4	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.	We have established online CEMS in four stack and two CAAQMS for continuous monitoring of air quality. Also display board has been provided at the main gate for disclosure of data to the public.
12.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented	Noted and agreed
12.6	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.	Noted and agreed 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.

Half Yearly Compliance Report
2024
SI Jantha Unit - SI Ahar

Acknowledgement

Project Name: Integrated Cement Manufacturing Unit and Support Power plant including Waste Heat Recovery Plant (IHED) AT/PT, Cluster no. 02/03, MOEF, District Phase II, NEW Capital project plant / MOVED FROM By Sugar Cane and The Private Limited Road Name - "Sugarcane Private Limited"

Name of Entity / Corporate Office: Sugar Cane and The Private Limited

Village(s): SI/A

District: SI/AHAR

Proposed No.	KA/CLIP/IND/0804/0201	Category	Industrial Projects - I
Plan No. / Survey / Khata No.	SI/A	Sub-Object	INDA
State	MADHYA PRADESH	Entity's PAN	*****080P
MoEF File No.	5704/2019	Entity name as per PAN	SUGAR CANE AND THE PRIVATE LIMITED

Compliance Reporting Details

Reporting Year: 2024

Remarks (if any): Compliance report for the period of January 2024 to March 2024

Reporting Period: 01 Janthi Cal - 31 Mar

Details of Production and Project Area

Name of Entity / Corporate Office	Project Area as per EC Granted	Actual Project Area In Possession
SI/AHAR	0	0
Revised Land	0	0
Range	0	0
Others	28.210	28.210
Total	28.210	28.210

12.7 The project proponent shall submit the environmental statement for each 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 agreed, The Environment statement for each financial year (Form-V) is being submitted regularly to SPCB and Regional Office of MoEF &CC. The latest Environment statement is submitted for the year 2024-25 vide letter no. SCMPL/Karondiya/ Env. Stat./ 2024-25 Date - 08.07.2025.



SAGAR CEMENTS (M) PRIVATE LIMITED

(A Subsidiary of SAGAR CEMENTS LIMITED)

SCMPL/Karondiya/ Env. Stat./ 2024-25

Date - 08.07.2025

PCS ID: - Cement Plant -124536

To,


The Member Secretary
M.P. Pollution Control Board
E-5, Area-Colony, Paryavaran Parisar
Bhopal-16 Madhya Pradesh-462016

Sub : Environmental Statement for the Financial Year 2024- 25.

Dear Sir,

We are herewith submitting the Environmental Statement of Cement manufacturing unit M/s Sagar Cements (M) Pvt. Ltd. located at village Karondiya, Post - Jeerabad, Teh.- Garhwasani District - Dhar (MP) for the financial year ending 31st March, 2025 in Form V in Compliance of Environment (Protection) Rules 1986.

Yours faithfully
For Sagar Cements (M) Private Limited,
(Dhar) MP


Niraj Kumar Shrivastava
(Vice President- Works)

cc:

1 -The Director,
Regional Office (Western Zone)
Ministry of Environment , Forests & climate Change
Kendriya Paryavaran Bhawan
E-5 , Area Colony, Link Road -3,
Ravishankar Nagar, Bhopal (M.P)-462016

- For your kind information pl

2- The Regional Officer
M.P.Pollution Control Board,
Scheme No. 78/C, Part-2
Vijaynagar, Indore,
Madhya Pradesh

- For your kind information pl

12.8	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.	Noted and agreed
12.9	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.	Noted and agreed
12.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The	Noted , Wild life conservation plan has been submitted to Wild life conservator for approval.

	implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	
12.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.	Noted and agreed, Expenditure related to action plan commitments made in EIA is uploaded in our web sites for information to public domain.
12.12	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 and agreed
12.13	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 and agreed
12.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory	Noted and agreed
12.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.	Noted and agreed
12.16	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 and agreed

12.17	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

		SAGAR CEMENTS (M) PRIVATE LIMITED	
		Karondiya Village, Jeerabad, Dhar, Madhya Pradesh	
Month	Date	Details Of Work 2025-26 under CSR/CER (October 25 to March26)	Incurred Amount (in Rs)
October	04.10.2025	To Support of Health & Medical Services , Medical camp organised at Khod Panchayat	3200.00
	07.10.2025	PVC Pipe Donation - Prakash alawa S/o Nahar singh, Bahadur alwa S/o Nahar singh Rodada (Prakash 20 Pipe, Bahadur 21 Pipe= 41 Pipe)	35209.00
	14.10.2025	PVC Pipe Donation - Sarpanch of Badiya village donate 02 Pipe	10690
	18.10.2025	To Support of Health & Medical Services ,Medical camp organised at Rodada Panchayat	5600.00
	25.10.2025	To Support of Health & Medical Services ,Medical camp organised at Ghursal Panchayat	1200.00
	29.10.2025	Donated Scholarship total 18 nos top rankers students of Govt CM rise school Gandhwani, Govt Model School Gandhwani(Girl and Boy),Govt School awaldaman, jeerabad , Bekliya (in memory of Late Sammidi veera reddy)(1st rank -Rs.20,000 2nd rank-Rs 15000, 3rd Rank -10000/-	350000.00
	31.10.2025	Support to skill development , Room rent and trainer fees of Skill development center at Jeerabad for October 2025	13000
November	08.11.2025	Construction of Composed fertilizer Pit in PM Shri Govt Higher Secondary School, Jeerabad	22000.00

08.11.2025	Painting work by surya cem, plastic paint and enama-el oil paint and door of govt. primary School Ghursal	24998.68
08.11.2025	PVC KASTA Pipe Donation -Bondar Nigam S/o Jogadiya village Bekliya (53 Kasta Pipe)	28421.25
10.11.2025	PVC KASTA Pipe Donation -Madhav Mandloi S/o Naru, village Jeerabad (21 Kasta Pipe)	30413.30
12.11.2025	LED Street Light Distribution -Bekliya Panchayat 30 Nos.	21300.00
13.11.2025	LED Street Light Distribution -Rodada Panchayat 10 Nos.	7100.00
21.11.2025	PVC KASTA Pipe Donation -Dhan singh S/o Nan Singh & Ramesh S/o Nan Singh village Khod (300 Kasta Pipe)	160875.00
22.11.2025	PVC KASTA Pipe Donation -Man singh S/o Nan Singh village Khod (150 Kasta Pipe)	80437.50
14.11.2025	Donated 150 Nos. Eco friendly jute Bag in Govt PM Shri Higher Secodry school Jeerabad	22500.00
17.11.2025	Donated 61 Nos. Eco friendly jute Bag in Govt Middle school Kaeondiya	9150.00
21.11.2025	Donated 99 Nos. Eco friendly jute Bag in Govt High school Bekliya	14850.00
28.11.2025	Donated 200 Nos. Food Basket Kit for TB patient of Govt. Samuhik Swasth Kendra Gandhwani	52000.00
15.11.2025	CCTV Camera instolled at Jeerabad Bus stop 3 nos. and 1 nos. at in fornt of Police chonki Jeerabad	65266.95
29.11.2025	Constructed Cement Concreet Bench 10 nos. at Ghursal Samsan Place	32400.00
01.11..2025	To Support of Health & Medical Services , Medical camp organised at Bekliya Panchayat	3200.00
15.11.2025	To Support of Health & Medical Services ,Medical camp organised at Rodada Panchayat	4200.00

	30.11.2025	Support to skill development , Room rent of Skill development center at Jeerabad and payment to hired trainer for stitching training for local women & girl	13000.00
December	06.12.2025	To Support of Health & Medical Services , Medical camp organised at Bekliya Panchayat	2800.00
	08.12.2025	Water Bottle Jar distribution at Govt. Middle School Karondiya	1500.00
	19.12.2025	Donated 55 Nos. School Sweater in Govt Middle school Karondiya	15950.00
	23.12.2025	PVC KASTA Pipe Donation -Nanka S/o Mutriya (33) & Kal Singh S/o Chhagan (33) village Rodada (66 Kasta Pipe)	59392.50
	29.12.2025	Digging of water bore well and installation of 2 nos of 2 HP water motor pumps with 500 ft pipe and construction of display board with painting at Badiya and Jeerabad village	94000.00
	20.12.2025	Cement Benches 40 Nos. installed at Ghursal Samsan Ghat	107600.00
	30.12.2025	Cleaning and Maintenance of sironj Tank Canal at bekliya mine provision of agriculture water to formers	72000.00
	31.12.2025	Room rent of Skill development Center at Jeerabad and payment to hired trainer for stitching training for local women & girls	13000.00
January	08.01.2026	Construction Cement Concrete Road 170 mtr. in Karondiya village under CSR	275400.00
	09.01.2026	Donated 42 Nos. School Sweater in Govt Middle school Karondiya	12180.00

	10.01.2026	To Support of Health & Medical Services , Medical camp organised at Jeerabad Panchayat	4000.00
	13.01.2026	PVC KASTA Pipe 75mm. Donation -Ramsingh Nigam (50), Naran Jamra (40), Mangaliya Jamra (40), Kishan Jamra (40) village Bekliya (170 Kasta Pipe)	63200.00
	17.01.2026	To Support of Health & Medical Services , Medical camp organised at Kheda Panchayat	3200.00
	23.01.2026	Cement Benches 10 Nos. installed at Jeerabad Village and Rodada Panchayat	28000.00
	31.01.2026	Room rent of Skill development Center at Jeerabad and payment to hired trainer for stitching training for local women & girls	13000.00
February	02.02.2026	PVC KASTA Pipe Donation - Kunwar Singh (20) Rodada village	42213.00
	07.02.2026	To Support of Health & Medical Services , Medical camp organised at Rodada Panchayat	3400.00
	17.02.2026	PVC KASTA Pipe Donation - Mutriya S/o Kaliya Dharve (06) Dhanora village	3217.50
	25.02.2026	Construction Cement Concrete Road 100 mtr. in Khod village under CSR	162000.00
	21.02.2026	To Support of Health & Medical Services , Medical camp organised at Ghursal Panchayat	2200.00
	28.02.2026	Room rent of Skill development Center at Jeerabad and payment to hired trainer for stitching training for local women & girls	13000.00
March	07.03.2026	To Support of Health & Medical Services , Medical camp organised at Jeerabad Panchayat	2000.00

14.03.2026	To Support of Health & Medical Services, Medical camp organised at Bekliya Panchayat	2000.00
28.03.2026	To Support of Health & Medical Services, Medical camp organised at Ghursal Panchayat	1000.00
31.03.2026	To Support Drinking water supply for Bekliya Villagers Donate 1000 feet PDPE pipe to Bekliya Panchayat	8637.60
31.03.2026	Room rent of Skill development Center at Jeerabad and payment to hired trainer for stitching training for local women & girls	13000.00
	Total	2028902.28













कार्यालय वन मण्डल अधिकारी, धार वन मण्डल

माण्डव रोड़ धार (म.प्र.) 454001

Annexure - 2

Email - dfotdhar@mp.gov.in

क्रमांक / संरक्षण / 2025 / 7610
प्रति,

धार, दिनांक 19 / 09 / 2025

वन परिक्षेत्र अधिकारी,
वन परिक्षेत्र टाण्डा

विषय :- Submission of wildlife conservation plan as per the wildlife (Protection) Act, 1972 Amendment 2022

संदर्भ :- अपर प्रधान मुख्य वन संरक्षण (वन्यजीव) म0.प्र0. भोपाल का पत्र क्रमांक / व.प्रा. / मा. चि. / MINE-218@11027 दिनांक 11.12.2024

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उपरोक्त संदर्भित विषयांतर्गत लेख है कि जिला धार मे मेसर्स सागर सीमेंट (एम) प्रायवेट लिमिटेड, इन्दौर को सीमेंट संयंत्र की क्षमता का विस्तार किलंकर 0.825 एमटीपीए से 1.10 एमटीपीए, सीमेंट 0.95 एमटीपीए से 1.5 एमटीपीए करने के संबंध मे भारत सरकार द्वारा जारी टी.ओ.आर. दिनांक 18.06.2024 की अधिरोपित सामान्य शर्त के पालन में प्रस्तावित स्थल से 10 कि.मी. की परिधि में पाये जाने वाले फ्लोरा-फौना के संरक्षण एवं संवर्धन हेतु 05 वर्षों हेतु राशि रूपये 60.00 लाख का प्रावधान कर, वन्यजीव संरक्षण योजना अनुमोदन हेतु संबधित संस्था द्वारा प्रधान मुख्य वन संरक्षक (वन्यजीव) म.प्र. भोपाल को प्रेषित की गई थी। उक्त वन्यजीवन संरक्षण योजना का सूक्ष्म परीक्षण करने पर निम्न कमियां परिलक्षित हुई हैं:-

1. प्रस्तावित वन्यजीव संरक्षण योजना में वन्यजीवों के संरक्षण एवं संवर्धन हेतु 05 वर्षों के लिए रूपये 60.00 लाख का प्रावधान किया गया है, जो अत्यंत कम प्रतीत हो रहा है।
2. प्रस्तावित योजना में वर्षवार कार्य एवं राशि का विवरण नहीं दिया गया है।
3. योजना के साथ संलग्न फ्लोरा-फौना की सूची का सूक्ष्म परीक्षण कर, प्रस्तावित क्षेत्र से 10 कि.मी. की परिधि में पाये जाने वाले फ्लोरा-फौना को भी अभिप्रमाणित कर सह-हस्ताक्षर प्रस्तुत किया जावे।
4. उक्त वन्यप्राणी संरक्षण योजना में Miscellaneous administrative & monitoring expenses (2% of the total costs) एवं Escalation cost and unforeseen @20% of total budget cost सम्मिलित की जावे।
5. उक्त वन्य जीवन संरक्षण योजना में वन्यजीव संरक्षण, संवर्धन एवं सुरक्षा की दृष्टि से प्रस्तावित कार्य उपयुक्त है अथवा नहीं? का स्वयं परीक्षण करें। यदि प्रस्तावित कार्य एवं राशि में क्षेत्र में उपलब्ध वन्यजीवों के लिए किसी प्रकार का संशोधन किया जाना हो तो तदानुसार संशोधन कर प्रावधानित कार्य एवं राशि को अभिप्रमाणित कर सह-हस्ताक्षर अपने स्पष्ट अभिमत सहित उप वन मण्डल अधिकारी के माध्यम से इस कार्यालय को शीघ्रातिशीघ्र प्रेषित करें।

वन मण्डल अधिकारी,

4-क्षे.) वन मण्डल धार

धार, दिनांक 19 / 09 / 2025

पृ.क्रमांक / मा.चि. / 2025 / 7611

प्रतिलिपि :- उप वन मण्डल अधिकारी, सरदारपुर की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित।

वन मण्डल अधिकारी,

4-क्षे.) वन मण्डल धार

654

CERTIFICATE OF ANALYSIS

**Issued from:**

Choksi Laboratories Limited (**Building - 2 "Pasteur"**)
 Survey No. 9/1, Balaji Tulsiana Industrial Estate,
 Kumedi, Off. M.R. 10 Toll Naka,
 Indore - 452010 (M.P.) INDIA

Issued to: SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST- JEERABAD, TEH. GADHWANI, DIST. DHAR , Madhya Pradesh India - 454446	CoA ID: 05800024/25-26 Report No.: 05800024/25-26 (v1) Issue date: 15-01-2026 Customer Ref(s): N/M Customer ID: SC240030
Sample Name: SOIL (From : Karondiya Village) Manufacture License No: N/M Manufacturer Name: N/M Manufacturing Date: N/M Reference of Letter: N/M Date of Letter: N/M Date of Receipt: 25-12-2025 Batch Number: N/M Batch Size: N/M Expiry / Retest Date: N/M	Sample Quantity: 3 kg Sealed / Unsealed: Unsealed Packing: POLYTHENE PACK Analysis Start Date: 27-12-2025 Analysis End Date: 15-01-2026 Sampling Date: 24-12-2025 Sampled By: CLL Sampling Location: N/M Sampler Name: idr01056 - Rinkesh Malviya Page Number: 1 of 1

Sr.No.	Characteristics	Unit	Result	Reference Method
Chemical Parameters				
1.	pH	Not Applicable	8.70	IS 2720 (Part -26):1987
2.	Total Nitrogen	%	0.1300	Claus No. 4.6.3.10 of Methods Manual Soil Testing in India (Department of Agriculture & Cooperation)
3.	Electrical Conductivity	µs/cm	129	IS 14767:2000
4.	Total Organic Carbon	%	0.23	Clause No. 4.6.3.9 of Methods Manual Soil Testing in India (Department of Agriculture & Cooperation)
5.	Potassium (as K)	mg/Kg	16.40	Analysis of Soil & Sediment

[End of Report]

Remarks:

1. Test report shall not be reproduced either in part or in full, without written approval of CLL Management.
2. CLL does not give any opinion or interpretation of the same.
3. This certificate refers only the particular item tested and reported parameters submitted for analysis
4. This certificate is for the customer's information only, and can neither be used in part nor in full, in any media or court of law, without prior written permission of CLL.
5. Total Liability of CLL is limited to the invoiced amount.
6. Subject to terms and conditions mentioned at the end of the CoA.
7. The certificate refers only the particular item tested and reported parameters submitted for analysis .
8. Sample Drawn by CLL representative
9. Sample information as Furnished by Customer



IDR00336
15-01-2026 17:55:09

Authorised Signatory

IDR01563
15-01-2026 18:04:00

QA Approver

IMPORTANT INFORMATION FOR CERTIFICATE OF ANALYSIS (CoA) / CERTIFICATE OF CALIBRATION (CoC):

1. Sample(s) / Instruments are drawn and submitted by the client unless otherwise stated.
2. This certificate refers only the particular item and reported parameters submitted for calibration / analysis.
3. The results reported in this certificate are valid for the sample / instrument received as is and at the time of and under the stipulated conditions of measurement.
4. This certificate is for the customer's information only, and can neither be used in part nor in full, in any media or court of law, without prior written permission of CLL.
5. Endorsement of products is neither inferred nor implied.
6. In case of any dispute, Indore jurisdiction is applicable.
7. Perishable samples will be destroyed after testing; toxic / hazardous samples will be returned to the customer or shall be forwarded for incineration.
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CLL LABS - APPROVALS / ACCREDITATIONS BY:



Note: Each CLL lab has different approvals / accreditations. Please check with the on-site BD cell for any specific registrations / submissions prior to sending test request. Your test request must mention the purpose / regulatory body / agency for which the testing is to be carried out.

CLL's SERVICE AREAS

Food & Beverages Testing Services

Agro Products (Food Raw Materials & Products, Milk & Milk Products, Agrochemicals, Fertilizers, Food Additives)

Drugs and Chemicals Testing Services:

Pharmaceuticals, Herbs, Cosmetics, Ayurvedic - Raw Materials, Formulations & Chemicals Analysis

Building Materials Testing Services:

Metals, Sand/Aggregate, Bricks, Paving Block, Cement, Paints, Minerals, PVC/HDPE Pipes, Packaging Materials & Wood Products, On-site inspection services for soil and constructions sites.

Water & Waste Water:

Drinking Water (IS:10500), Purified water for pharmaceutical use, Recreational Water, EPA / WHO Water, Water for Injections, Water for food processing, Water for dialysis etc.

Calibration Services:

Thermal, Mechanical (Mass, Volume, Speed, Pressure, Vacuum), Area / Autoclave / Steam tunnel Mapping, Electro-technical, Dimension, etc.

Other Testing, Research & Validation services:

Toys testing, Disinfectants / Sanitizers testing, Consumer products (such as Water purifiers, Sterilizers etc.), Soil investigation & analysis, Waste / Used oil for recycling / incineration, etc.

Environment Services:

Indoor and Outdoor Monitoring for workplaces / hotels / hospitals / homes etc., Industrial monitoring – ambient and stack, River/Lake water quality survey.

CLL's LAB LOCATIONS

Indore Laboratory (Corporate Office & Center of Excellence) Survey No. 9/1, Balaji Tulsiyana Industrial Estate, Kumedi, Off MR10 Toll Plaza, Indore (M.P.) - 452010 Tel: +91-731-3501112 (60 lines) E-mail : bd@choksilab.com	
CLL Baroda Laboratory 829 GIDC, Makarpura Baroda - 390010 Tel: +91-265-2978001 E-mail : baroda@choksilab.com	CLL Panchkula Laboratory Plot No. 362, Industrial Area, Phase -II, Panchkula - 734 112 (Haryana) Tel: +91-172-5048600 / 01 / 02 E-mail : panchkula@choksilab.com
CLL Vapi Laboratory 32, Vibrant Business Park, Opp. UPL, N.H. - 48, Vapi, Gujarat, India 396195 Tel: +91-260-2433488, 2432715, 2432731 E-mail : vapi@choksilab.com	CLL Goa Laboratory C-18, C-20 Verna Industrial Estate, Phase - 1A, Verna - 403722, Goa (India) Tel: +91-838-0033301 / 02 / 03 / 04 E-mail : goa@choksilab.com



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 Kumed, Off. M.R. 10 Toll Naka,
 Indore -452010 (M.P.), INDIA

Issued to: M/s. SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST-JEERABAD, TEH.GADHWANI, DIST. DHAR , Madhya Pradesh, India – 454446	CoA ID:	03300271-9/25-26
	Report No.:	03300271-9/25-26 (v1)
	Issue Date:	07/04/2026
	Date of Sample Received :	30/03/2026
	Customer PO Ref. No.:	ICPW02500218
	Customer PO. Date :	13/03/2026

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring Page 1 of 1

Ref.1: Sampling Location : Coal Shed	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 27/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 11:20 to 19:20 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 55%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-001242, Cal. Date: 29/05/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical
Group: Atmospheric Pollution
Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	µg/m ³	545.6	Not Specified	IS 5182 (Part -4) : 1999

- Note:
- This CoA refers only to the Monitored/sampled and tested items.
 - This CoA may not be reproduced in part or full without the written permission of this laboratory.
 - CLL does not give any opinion or interpretation of the same.
 - *Sample information as Furnished by Customer
 - Subject to terms and conditions mentioned at the end of the CoA.

- END OF CoA -

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Issued to: M/s. SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST-JEERABAD, TEH.GADHWANI, DIST. DHAR , Madhya Pradesh, India – 454446	CoA ID:	03300271-10/25-26
	Report No.:	03300271-10/25-26 (v1)
	Issue Date:	07/04/2026
	Date of Sample Received :	30/03/2026
	Customer PO Ref. No.:	ICPW02500218
	Customer PO. Date :	13/03/2026

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring		Page 1 of 1
Ref.1: Sampling Location: Clinker Yard	Ref.2: Analysis Start Date : 02/04/2026	
Ref.3: Date of Monitoring : 27/03/2026	Ref.4: Analysis Completion Date : 07/04/2026	
Ref.5: Time of sampling : 10:30 to 18:30 Hours	Ref.6: Duration of Sampling : 08 hours	
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe	
Ref.9: Relative humidity at Sampling Location : 55%	Ref.10: Weather Condition During Sampling : Sunny & Clear	
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-001883, Cal. Date: 29/05/2025		

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical

Group: Atmospheric Pollution

Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	$\mu\text{g}/\text{m}^3$	457.7	Not Specified	IS 5182 (Part -4) : 1999

- Note:
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 - This CoA may not be reproduced in part or full without the written permission of this laboratory.
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 - *Sample information as Furnished by Customer**
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- END OF CoA -

IMPORTANT INFORMATION FOR CERTIFICATE OF ANALYSIS (CoA)

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- In the event, no zone is mentioned, CoA/CoC must be considered for Domestic (India) only

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Issued to: M/s. SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST-JEERABAD, TEH.GADHWANI, DIST. DHAR , Madhya Pradesh, India – 454446	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CoA ID:</td> <td>03300271-11/25-26</td> </tr> <tr> <td>Report No.:</td> <td>03300271-11/25-26 (v1)</td> </tr> <tr> <td>Issue Date:</td> <td>07/04/2026</td> </tr> <tr> <td>Date of Sample Received :</td> <td>30/03/2026</td> </tr> <tr> <td>Customer PO Ref. No.:</td> <td>ICPW02500218</td> </tr> <tr> <td>Customer PO. Date :</td> <td>13/03/2026</td> </tr> </table>	CoA ID:	03300271-11/25-26	Report No.:	03300271-11/25-26 (v1)	Issue Date:	07/04/2026	Date of Sample Received :	30/03/2026	Customer PO Ref. No.:	ICPW02500218	Customer PO. Date :	13/03/2026
CoA ID:	03300271-11/25-26												
Report No.:	03300271-11/25-26 (v1)												
Issue Date:	07/04/2026												
Date of Sample Received :	30/03/2026												
Customer PO Ref. No.:	ICPW02500218												
Customer PO. Date :	13/03/2026												

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring	Page 1 of 1
-----------------------------------------------------------------	--------------------

Ref.1: Sampling Location: Flyash Silo	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 28/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 10:35 to 18:35 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 34°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 55%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-001663, Cal. Date: 10/12/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical
Group: Atmospheric Pollution
Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	$\mu\text{g}/\text{m}^3$	445.9	Not Specified	IS 5182 (Part -4) : 1999

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 3. CLL does not give any opinion or interpretation of the same.
 4. ***Sample information as Furnished by Customer**
 5. Subject to terms and conditions mentioned at the end of the CoA.

- END OF CoA -

IMPORTANT INFORMATION FOR CERTIFICATE OF ANALYSIS (CoA)

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8. Total Liability of CLL is limited to the invoiced amount.
9. In the event, no zone is mentioned, CoA/CoC must be considered for Domestic (India) only

CERTIFICATE OF ANALYSIS



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 Kumed, Off. M.R. 10 Toll Naka,
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Issued to: M/s. SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST-JEERABAD, TEH.GADHWANI, DIST. DHAR , Madhya Pradesh, India – 454446	CoA ID:	03300271-12/25-26
	Report No.:	03300271-12/25-26 (v1)
	Issue Date:	07/04/2026
	Date of Sample Received :	30/03/2026
	Customer PO Ref. No.:	ICPW02500218
	Customer PO. Date :	13/03/2026

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring Page 1 of 1

Ref.1: Sampling Location: Lime Stone Stack	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 28/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 10:50 to 18:50 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 55%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-001664, Cal. Date: 10/12/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical
Group: Atmospheric Pollution
Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	µg/m ³	438.7	Not Specified	IS 5182 (Part -4) : 1999

- Note:
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 3. CLL does not give any opinion or interpretation of the same.
 4. *Sample information as Furnished by Customer
 5. Subject to terms and conditions mentioned at the end of the CoA.

- END OF CoA -

IMPORTANT INFORMATION FOR CERTIFICATE OF ANALYSIS (CoA)

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4. This certificate is for the customer's information only, and can neither be used in part nor in full, in any media or court of law, without prior written permission of CLL.
5. Endorsement of products is neither inferred nor implied.
6. In case of any dispute, Indore jurisdiction is applicable.
7. Perishable samples will be destroyed after testing; toxic / hazardous samples will be returned to the customer or shall be forwarded for incineration.
8. Total Liability of CLL is limited to the invoiced amount.
9. In the event, no zone is mentioned, CoA/CoC must be considered for Domestic (India) only

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Issued to: M/s. SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST-JEERABAD, TEH.GADHWANI, DIST. DHAR , Madhya Pradesh, India – 454446	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">CoA ID:</td> <td>03300271-13/25-26</td> </tr> <tr> <td>Report No.:</td> <td>03300271-13/25-26 (v1)</td> </tr> <tr> <td>Issue Date:</td> <td>07/04/2026</td> </tr> <tr> <td>Date of Sample Received :</td> <td>30/03/2026</td> </tr> <tr> <td>Customer PO Ref. No.:</td> <td>ICPW02500218</td> </tr> <tr> <td>Customer PO. Date :</td> <td>13/03/2026</td> </tr> </table>	CoA ID:	03300271-13/25-26	Report No.:	03300271-13/25-26 (v1)	Issue Date:	07/04/2026	Date of Sample Received :	30/03/2026	Customer PO Ref. No.:	ICPW02500218	Customer PO. Date :	13/03/2026
CoA ID:	03300271-13/25-26												
Report No.:	03300271-13/25-26 (v1)												
Issue Date:	07/04/2026												
Date of Sample Received :	30/03/2026												
Customer PO Ref. No.:	ICPW02500218												
Customer PO. Date :	13/03/2026												

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring Page 1 of 1

Ref.1: Sampling Location : WHRS	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 28/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 09:30 to 17:30 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 52%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-000854, Cal. Date: 19/11/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical
Group: Atmospheric Pollution
Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	$\mu\text{g}/\text{m}^3$	419.3	Not Specified	IS 5182 (Part -4) : 1999

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CoA ID:	03300271-14/25-26												
Report No.:	03300271-14/25-26 (v1)												
Issue Date:	07/04/2026												
Date of Sample Received :	30/03/2026												
Customer PO Ref. No.:	ICPW02500218												
Customer PO. Date :	13/03/2026												

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring Page 1 of 1

Ref.1: Sampling Location: CCR	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 28/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 09:45 to 17:45 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 52%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-000855, Cal. Date: 29/05/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical
Group: Atmospheric Pollution
Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	µg/m ³	410.3	Not Specified	IS 5182 (Part -4) : 1999

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	Report No.:	03300271-15/25-26 (v1)
	Issue Date:	07/04/2026
	Date of Sample Received :	30/03/2026
	Customer PO Ref. No.:	ICPW02500218
	Customer PO. Date :	13/03/2026

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring Page 1 of 1

Ref.1: Sampling Location : Near Lime Stone Crusher	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 28/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 10:00 to 18:00 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 52%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-001242, Cal. Date: 29/05/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical

Group: Atmospheric Pollution

Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	$\mu\text{g}/\text{m}^3$	528.7	Not Specified	IS 5182 (Part -4) : 1999

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Issued to: M/s. SAGAR CEMENTS (M) PRIVATE LIMITED VILLAGE-KARONDIYA, POST-JEERABAD, TEH.GADHWANI, DIST. DHAR , Madhya Pradesh, India – 454446	CoA ID:	03300271-16/25-26
	Report No.:	03300271-16/25-26 (v1)
	Issue Date:	07/04/2026
	Date of Sample Received :	30/03/2026
	Customer PO Ref. No.:	ICPW02500218
	Customer PO. Date :	13/03/2026

SAMPLE PARTICULARS: Fugitive Emission Quality Monitoring Page 1 of 1

Ref.1: Sampling Location : Clinker Loading Point	Ref.2: Analysis Start Date : 02/04/2026
Ref.3: Date of Monitoring : 27/03/2026	Ref.4: Analysis Completion Date : 07/04/2026
Ref.5: Time of sampling : 10:20 to 18:20 Hours	Ref.6: Duration of Sampling : 08 hours
Ref.7: Ambient Temperature : 33°C	Ref.8: Sampled By : IDR00019 Balwant Ganeshe
Ref.9: Relative humidity at Sampling Location : 52%	Ref.10: Weather Condition During Sampling : Sunny & Clear
Ref.11: Sampling Instruments : 1. CLL-IDR-EQ-M-001883, Cal. Date: 29/05/2025	

TEST SPECIFICATION AS PER CENTRAL/MP POLLUTION CONTROL BOARD (CPCB/MPPCB)

Discipline: Chemical
Group: Atmospheric Pollution
Subgroup: Fugitive Emission

Sr. No.	Characteristic	Unit	Result	Prescribed Limits	Sampling and Test Method
i	Suspended Particulate Matter	µg/m ³	398.4	Not Specified	IS 5182 (Part -4) : 1999

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There are following air pollution control equipment installed in different section in the plant.

Following details of air pollution control equipment are given in the table.

SAGAR CEMENTS (M) PRIVATE LIMITED			
Air Pollution Control Equipment Details (Bag Filters and ESP)			
S.NO.	Bag Filter /PC Equipment	SECTION	EQUIPMENT CODE
1	211BF1	CRUSHER	211FN1.M01
2	211BF2	CRUSHER	211FN2.M01
3	211BF3	CRUSHER	211FN3.M01
4	311BF1	CRUSHER	311FN1.M01
5	311BF2	CRUSHER	311FN2.M01
6	311BF3	CRUSHER	311FN3.M01
7	221BF1	CRUSHER	221FN1.M01
8	331BF1	RAW MILL	331FN1.M01
9	331BF2	RAW MILL	331FN2.M01
10	331BF3	RAW MILL	331 FN3.M01
11	331BF4	RAW MILL	331 FN4.M01
12	331BF6	RAW MILL	331FN6.M01
13	331BF7	RAW MILL	331FN7.M01
14	331BF5	RAW MILL	331FN5.M01
15	351BF2	RAW MILL	351FN2.M01
16	351BF1	RAW MILL	351 FN1.M01
17	381BF1	RAW MILL	381 FN2.M01
18	381BF2	RAW MILL	381 FN3.M01
19	391BF1	BLENDING SILO	391FN1.M01

20	421BH1	KILN BAG HOUSE	421FN1
21	421BF1	HOT DUST	421FN2
22	421BF2	HOT DUST	421FN3
23	411BF1	BLENDING SILO	411FN1.M01
24	411BF2	KILN FEED SYSTEM	411FN2.M01
25	411BF3	KILN FEED SYSTEM	411FN3.M01
26	411BF4	KILN FEED SYSTEM	411FN4.M01
27	431BF1	KILN FEED SYSTEM	431FN1.M01
28	431BF2	KILN FEED SYSTEM	431FN2.M01
29	471BF1	COOLER	471 FN10.M01
30	471EP1	COOLER ESP	471FN11
31	471BF2	CLINKER SILO	471 FN12.M01
32	491BF1	CLINKER SILO	491 FN1.M01
33	471BF3	CLINKER SILO	471FN13
34	L11BF1	COAL MILL	L11FN1
35	L41BF1	COAL MILL	L41FN1
36	L41BF3	COAL MILL	L41FN3
37	L41BF2	COAL MILL	L41FN2
38	L91BF1	COAL MILL	L91FN1
39	491BF2	CLINKER SILO	491FN2
40	491BF3	CLINKER SILO	491FN3
41	531BF1	CLINKER & ADDITIVE HOPPER	531FN1
42	531BF2	CLINKER & ADDITIVE HOPPER	531FN2
43	531BF3	FRESH FEED & REJECT HANDLING	531FN3
44	531BF4	FRESH FEED & REJECT HANDLING	531FN4

45	531BF5	FRESH FEED & REJECT HANDLING	531FN5
46	531BF6	FRESH FEED & REJECT HANDLING	531FN6
47	541BF1	CLINKER RP CIRCUIT	541FN1
48	541BF2	CLINKER RP CIRCUIT	541FN2
49	571BF1	BALL MILL	571FN1
50	561BF1	BALL MILL	561FN1
51	581BF1	PRODUCT COLLECTION	581FN3
52	591BF1	PRODUCT COLLECTION	591FN1
53	591BF2	PRODUCT COLLECTION	591FN2
54	591BF3	CEMENT SILO	591FN3
55	591BF4	CEMENT SILO	591FN4
56	591BF5	CEMENT SILO	591FN5
57	591BF6	CEMENT SILO	591FN6
58	K20BF1	FLYASH	K20FN1
59	K21BF1	FLYASH	K21FN1
60	601BF1	CEMENT STORAGE & TRANSPORT	601FN1
61	601BF2	CEMENT STORAGE & TRANSPORT	601FN2
62	601BF3	CEMENT STORAGE & TRANSPORT	601FN3
63	601BF4	CEMENT STORAGE & TRANSPORT	601FN4
64	611BF3	CEMENT STORAGE & TRANSPORT	611FN3.M01
65	611BF2	CEMENT STORAGE & TRANSPORT	611FN2.M01

66	611BF1	CEMENT STORAGE & TRANSPORT	611FN1.M01
67	641BF1	PACKER 1	641FN1
68	641BF2	PACKER 2	641FN2



Electro Static Precipitator

Particulars	Details
Electro Static Precipitator	
Make	Thermax limited
Model & Size	TTR
Gas Quantity	3,25,000 m ³ /hr
No. of Fields per Cell	4
Specific Collection Area	83.17 m ² /m ³ /sec
ESP Collection Area	7509 m ²
Outlet Emission	<30mg/nm ³



PulseJet Raw mill Bag House

Particulars	Details
PulseJet Raw mill Bag House	
Make	Thermax limited
Model & Size	6-TKB-240-1000
No. of Compartments	6
Type of Bags	PTFE Coated bags
No. of Bags each Compartment	240
Total Bags	1440
Outlet Emission	<30mg/nm ³

Materiality topic - I : Energy

JEERABAD

JEERABAD																
S.No	Parameter	Units	April	May	June	July	August	September	October	November	December	January	February	March	YOD	FY 24-25
1	Specific power consumption for Clinker	KWH/ t of clinker	49.11	52.68 ▲	51.77 ▼	51.81 ▲	49.88 ▼	49.43 ▼	49.67 ▲	52.82 ▲	47.89 ▼	48.38 ▲	49.60 ▲	48.02 ▼	49.83	55.86
1.1	LS crusher	KWH/ t of clinker	1.40	1.47 ▲	1.32 ▼	1.44 ▲	1.48 ▲	1.52 ▲	1.41 ▼	1.78 ▲	1.30 ▼	1.28 ▼	1.37 ▲	1.28 ▼	1.40	1.65
1.2	Raw mill	KWH/ t of clinker	21.24	22.43 ▲	22.98 ▲	22.31 ▼	21.70 ▼	21.60 ▼	21.50 ▼	22.32 ▲	20.84 ▼	21.75 ▲	22.81 ▲	20.90 ▼	21.80	27.76
1.3	Pyro	KWH/ t of clinker	21.23	22.77 ▲	21.87 ▼	22.30 ▲	21.20 ▼	20.72 ▼	21.42 ▲	22.19 ▲	20.16 ▼	20.45 ▲	20.14 ▼	20.48 ▲	21.13	22.61
1.4	Coal mill	KWH/ t of clinker	5.24	6.01 ▲	5.59 ▼	5.76 ▲	5.50 ▼	5.60 ▲	5.34 ▼	6.52 ▲	5.59 ▼	4.90 ▼	5.28 ▲	5.36 ▲	5.50	3.84
2	SEC of cement grinding and packing	KWH/ t of Cement	32.60	33.15 ▲	34.02 ▲	32.84 ▼	32.90 ▲	32.22 ▼	33.53 ▲	33.33 ▼	30.00 ▼	29.73 ▼	31.60 ▲	31.42 ▼	32.18	33.77
2.1	SEC of cement grinding	KWH/ t of Cement	27.35	27.88 ▲	28.98 ▲	28.16 ▼	28.01 ▼	27.08 ▼	27.89 ▲	29.03 ▲	26.22 ▼	25.85 ▼	26.80 ▲	26.07 ▼	27.40	31.00
2.2	SEC OF cement packing	KWH/ t of Cement	1.32	1.47 ▲	1.23 ▼	1.25 ▲	1.16 ▼	1.23 ▲	1.22 ▼	1.17 ▼	1.03 ▼	1.11 ▲	1.27 ▲	1.18 ▼	1.21	0.96
2.3	SEC of Utilities and others (Lightning in colony, Misc and Tr lo	KWH/ t of Cement	3.94	3.80 ▼	3.82 ▲	3.43 ▼	3.73 ▲	3.91 ▲	4.42 ▲	3.13 ▼	2.75 ▼	2.77 ▲	3.53 ▲	4.17 ▲	3.57	1.81
3	Specific power consumption for overall cement	KWH/ t of Cement	74.25	73.71 ▼	77.45 ▲	74.35 ▼	74.94 ▲	73.52 ▼	76.55 ▲	74.55 ▼	70.82 ▼	69.49 ▼	73.19 ▲	72.90 ▼	73.75	80.96
3.1	SEC of OPC	KWH/ t of Cement	28.75	29.29 ▲	30.37 ▲	29.32 ▼	29.02 ▼	27.85 ▼	28.59 ▲	29.92 ▲	26.99 ▼	27.03 ▲	28.13 ▲	27.16 ▼	28.48	31.68
3.2	SEC of PPC	KWH/ t of Cement	25.15	25.59 ▲	27.08 ▲	26.31 ▼	26.46 ▲	25.66 ▼	26.54 ▲	27.09 ▲	24.75 ▼	24.03 ▼	24.92 ▲	24.27 ▼	25.60	28.17
3.3	SEC of PSC	KWH/ t of Cement	0.00	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00	0.00
3.4	SEC of CC	KWH/ t of Cement	0.00	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00	0.00
3.5	SEC of IPC	KWH/ t of Cement	0.00	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00	35.87
3.6	SEC of super PPC	KWH/ t of Cement	0.00	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00	0.00
3.7	SEC of GGBS	KWH/ t of Cement	0.00	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00	0.00
3.8	SEC of Super OPC	KWH/ t of Cement	0.00	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00 ►	0.00	0.00
4	Specific power consumption for cementitious	KWH/ t of cementitious	67.03	77.39 ▲	67.93 ▼	71.73 ▲	66.76 ▼	68.60 ▲	66.47 ▼	87.67 ▲	66.12 ▼	66.18 ▲	65.86 ▼	64 ▼	69	81.37
5	Specific heat consumption (SHC)	kcal/kg clinker	711	716 ▲	713 ▼	735 ▲	721 ▼	731 ▲	713 ▼	730 ▲	711 ▼	718 ▲	725 ▲	720 ▼	719	709.14
6	Plant Heat rate	Kcal/kwh Gross	0	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0	0
7	Plant load factor	%	0	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0	0.00
8	WHRS Generation	kwh/ton clinker	29.13	24.86 ▼	29.96 ▲	25.76 ▼	20.08 ▼	18.48 ▼	23.95 ▲	16.47 ▼	23.08 ▲	22.28 ▼	23.95 ▲	26.51 ▲	24.09	0.00
9	Blended Cement share (% of total cement produced)	%	39	38 ▼	42.4 ▲	38.5 ▼	39.44 ▲	35.19 ▼	34.37 ▼	31.55 ▼	34.63 ▲	39.32 ▲	41.56 ▲	37.74 ▼	38	36
10	Ratio of electrical Green Energy	%	34.26	23.23 ▼	34.80 ▲	27.05 ▼	23.56 ▼	20.96 ▼	29.34 ▲	13.81 ▼	28.14 ▲	26.19 ▼	28.78 ▲	33.59 ▲	27.51	2.95
11	Ratio of Renewable Energy	%	0.23	0.24 ▲	0.12 ▼	0.11 ▼	0.10 ▼	0.14 ▲	0.14 ▲	0.19 ▲	0.13 ▼	0.14 ▲	0.16 ▲	0.21 ▲	0.16	2.95

Energy Initiatives

S.NO	Identified	Implemented
1	Compressor air usages optimization	Under Process
2	Cement Mill and Raw Mill false air arresting work	Under Process

Materiality topic -2 : Emission

JEERABAD



JEERABAD																
S.No	Parameter	Units	April	May	June	July	August	September	October	November	December	January	February	March	YOD	2024-25
1	Gross CO2 Emissions	T CO ₂ e	67,881	41,955 ▼	75,801 ▲	56,825 ▼	73,759 ▲	57,997 ▼	62,412 ▲	33,951 ▼	80,892 ▲	68,127 ▼	62,240 ▼	72,162 ▲	7,54,002	7,20,654
2	CO2 Emissions from Alternate fuels & bio mass	T CO ₂ e	68	112 ▲	180 ▲	107 ▼	190 ▲	134 ▼	130 ▼	83 ▼	241 ▲	167 ▼	126 ▼	174 ▲	1,711	7,483
3	Net CO2 Emissions	T CO ₂ e	67,813	41,843 ▼	75,621 ▲	56,719 ▼	73,569 ▲	57,863 ▼	62,283 ▲	33,868 ▼	80,651 ▲	67,960 ▼	62,114 ▼	71,987 ▲	7,52,292	7,13,171
4	Gross CO2 Emission Intensity - Calcination component	kg CO ₂ e /t clinker	514	514 ▲	516 ▲	515 ▼	516 ▲	516 ▼	517 ▲	516 ▼	518 ▲	512 ▼	511 ▼	509 ▼	514	512
5	Gross CO2 Emission Intensity - Fuel component Kiln	kg CO ₂ e /t clinker	280	283 ▲	282 ▼	295 ▲	288 ▼	292 ▲	285 ▼	293 ▲	284 ▼	288 ▲	291 ▲	288 ▼	287	274
6	Gross CO2 Emission Intensity - Fuel component HAG	kg CO ₂ e /t clinker	0	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0	0.00
7	Gross CO2 emission intensity - power generation (CPP)	kg CO ₂ e /t clinker	0	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0	0
8	Gross CO2 Emission Intensity - Internal Transport	kg CO ₂ e /t clinker	0.17	0.29 ▲	0.14 ▼	0.21 ▲	0.17 ▼	0.24 ▲	0.17 ▼	0.40 ▲	0.16 ▼	0.16 ▲	0.13 ▼	0.09 ▼	0.18	1.70
9	Gross CO2 emission intensity - other sources	kg CO ₂ e /t clinker	0.25	0.03 ▼	0.23 ▲	0.04 ▼	0.23 ▲	0.03 ▼	0.02 ▼	0.52 ▲	0.02 ▼	0.02 ▲	0.03 ▲	0.02 ▼	0.11	0.03
10	Gross CO2 Emission Intensity - scope 2	kg CO ₂ e /t clinker	37	56 ▲	38 ▼	47 ▲	44 ▼	47 ▲	39 ▼	70 ▲	40 ▼	43 ▲	40 ▼	36 ▼	43	67
11	Gross CO2 Emission Intensity - scope 3	kg CO ₂ e /t clinker	7	11 ▲	6 ▼	9 ▲	7 ▼	9 ▲	7 ▼	16 ▲	9 ▼	9 ▲	9 ▼	8 ▼	8	18
12	Total gross emission intensity per ton of Clinker	kg CO ₂ e /t clinker	838	864 ▲	843 ▼	867 ▲	856 ▼	864 ▲	848 ▼	896 ▲	851 ▼	853 ▲	851 ▼	841 ▼	853	874
13	Emission Intensity -Scope 1	kg CO ₂ e /t cementitious	673	614 ▼	670 ▲	649 ▼	678 ▲	676 ▼	695 ▲	632 ▼	684 ▲	658 ▼	672 ▲	689 ▲	669	666
13.1	Gross CO2 Emission Intensity - Calcination component	kg CO ₂ e /t cementitious	436	396 ▼	433 ▲	413 ▼	435 ▲	431 ▼	448 ▲	403 ▼	441 ▲	421 ▼	428 ▲	440 ▲	429	433
13.2	Gross CO2 Emission Intensity - Fuel component Kiln	kg CO ₂ e /t cementitious	237	218 ▼	237 ▲	236 ▼	243 ▲	244 ▲	247 ▲	229 ▼	242 ▲	237 ▼	244 ▲	249 ▲	239	232
13.3	Gross CO2 Emission Intensity - Fuel component HAG	kg CO ₂ e /t cementitious	0	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0	0
13.4	Gross CO2 emission intensity - power generation (CPP)	kg CO ₂ e /t cementitious	0	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0 ►	0	0
13.5	Gross CO2 Emission Intensity - Internal Transport	kg CO ₂ e /t cementitious	0.14	0.23 ▲	0.12 ▼	0.17 ▲	0.14 ▼	0.20 ▲	0.15 ▼	0.31 ▲	0.14 ▼	0.13 ▼	0.11 ▼	0.08 ▼	0.15	1.44
13.6	Gross CO2 emission intensity - other sources	kg CO ₂ e /t cementitious	0.21	0.03 ▼	0.19 ▲	0.03 ▼	0.20 ▲	0.03 ▼	0.02 ▼	0.41 ▲	0.02 ▼	0.02 ▲	0.02 ▲	0.02 ▼	0.09	0
14	Emission Intensity -Scope 2	kg CO ₂ e /t cementitious	32	43 ▲	32 ▼	38 ▲	37 ▼	39 ▲	34 ▼	55 ▲	34 ▼	35 ▲	34 ▼	31 ▼	36	57
15	Total emission Intensity (scope 1 + 2)	kg CO ₂ e /t cementitious	705	657 ▼	702 ▲	687 ▼	715 ▲	715 ▼	729 ▲	687 ▼	718 ▲	693 ▼	706 ▲	720 ▲	705	738
16	Emission Intensity -Scope 3	kg CO ₂ e /t cement	7	8 ▲	7 ▼	8 ▲	8 ▲	9 ▲	8 ▼	9 ▲	9 ▲	9 ▼	10 ▲	10 ▲	8	15
17	Clinker factor	%	0.80	0.79 ▼	0.78 ▼	0.78 ▲	0.79 ▲	0.81 ▲	0.81 ▲	0.84 ▲	0.82 ▼	0.80 ▼	0.79 ▼	0.81 ▲	0.80	0.85
18	Clinker production ratio	%	0.85	0.77 ▼	0.84 ▲	0.80 ▼	0.84 ▲	0.84 ▼	0.87 ▲	0.78 ▼	0.85 ▲	0.82 ▼	0.84 ▲	0.86 ▲	0.83	0.84
19	Blended Cements	%	39	38 ▼	42 ▲	38 ▼	39 ▲	35 ▼	34 ▼	32 ▼	35 ▲	39 ▲	42 ▲	38 ▼	38	36
20	TSR %	%	0.36	0.71 ▲	0.61 ▼	0.45 ▼	0.66 ▲	0.61 ▼	0.57 ▼	0.63 ▲	0.79 ▲	0.65 ▼	0.50 ▼	0.61 ▲	0.60	3.49

Emissions Initiatives				
S.No	Identified	Implemented	Savings	Remarks
1	76 bags and 3 cages changed in different unit bag filters	Completed		
2	One EV Loader is being used in place of Diesel operated loader	Started		

Materiality topic -4 :Water

JEERABAD



JEERABAD																
S.No	Parameter	Units	April	May	June	July	August	September	October	November	December	January	February	March	YOD	FY 24-25
1	Total fresh water consumption	k Litres	13,089	10,624	8,591	9,259	9,366	10,827	9,286	8,856	7,635	8,401	8,232	11,006	1,15,172	1,64,588
2	Specific fresh water consumption	Litres / t cementitious	130	155	76	106	86	126	103	165	65	81	89	105	102	152
3	Total fresh water consumption in cement process	k Litres	1,950	1,350	2,050	1,900	2,150	2,100	2,000	1,350	2,150	1,850	700	920	20,470	1,38,331
4	Specific fresh water consumption in cement process	Litres / t cementitious	19	20	18	22	20	24	22	25	18	18	8	9	18	128
5	Total fresh water consumption in on-site power plant	k Litres	898	821	1,177	824	1,740	1,743	1,101	771	876	1,117	1,116	1,022	13,206	3,391
6	Specific fresh water consumption in on-site power plant	Litres / t cementitious	9	12	10	9	16	20	12	14	7	11	12	10	12	3
7	Total fresh water consumption in township	k Litres	3,000	2,950	3,000	2,940	3,020	3,062	3,150	2,985	3,313	3,285	3,143	4,410	38,258	22,866
8	Specific fresh water consumption in township	Litres / t cementitious	30	43	27	34	28	36	35	56	28	32	34	42	34	21
9	Specific fresh water consumption in township	litres / person / day	313	307	313	306	315	319	328	311	345	342	327,3958	459,375	358	209
10	Total fresh water consumption in Villages/CSR	k Litres	600	650	600	400	350	350	300	300	250	300	250	350	4,700	0
11	Specific fresh water consumption in CSR	Litres / t cementitious	6	10	5	5	3	4	3	5,588882	2,113111	3	2,70	3,34	4	0
12	Total fresh water consumption in Plantation	k Litres	6,641	4,853	1,764	3,195	2,106	3,572	2,735	3,006	1,046	1,849	3,023	4,304	38,094	0
13	Specific fresh water consumption in Plantation	Litres / t cementitious	66	71	16	37	19	42	30	56	9	18	33	41	34	0
14	Total fresh water consumption in Mines Domestic	k Litres	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Specific fresh water consumption in Mines Domestic	Litres / t cementitious	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Total fresh water consumption for Greenbelt & Dust Suppression at Mines	k Litres	-	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Specific fresh water consumption for Greenbelt & Dust Suppression at Mines	Litres / t cementitious	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Total fresh water consumption (other application)	k Litres	-	-	-	0	0	0	0	444	-	-	-	-	444	0
19	Specific fresh water consumption (other application)	Litres / t cementitious	0	0	0	0	0	0	0	8	0	0	0	0	0	0
18	Water Debit (Withdrawal) by source															
18.1	Sub-surface - Bore-well	Kl	-	-	-	-	-	-	-	-	-	-	-	-	-	1,64,588
18.2	Sub-surface - Open Well	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.3	Surface Water Body - Mine Pit	Kl	-	-	-	-	-	-	-	444	378	264	336	312	1,734	0.0
18.4	Surface Water Body - River	Kl	13089	10624	8591	9259	9366	10827	9286	8412	7635	8401	8232	11006	115	0
18.5	Surface Water Body - Reservoir or Lake	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.6	Surface Water Body - Pond	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.7	Surface Water Body - Canal	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.8	Surface Water Body - Municipal Supply	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Water discharged															
19.1	Surface	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19.2	Ground	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19.3	Sea	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19.4	Third Party	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19.5	Other Sources	Kl	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Total Water Recycled/Reused	KL	1,164	1,135	1,232	1,149	1,620	1,795	1,382	1,079	1,292	1,368	1,324	1,217	15,758	22,701
21	Water consumption = water withdrawn - water discharged	KL	13,089	10,624	8,591	9,259	9,366	10,827	9,286	8,856	8,013	8,665	8,568	11,318	1,16,462	1,64,588
23	Gross Water Positivity Index of the Plant as per GCCA	ratio	0.00	0.34	2.36	1.01	1.63	1.63	0.94	0.00	0.00073	0.000675	0.000683	0.000517	0.26	0.24
24	Net Water Positivity Index of the Plant as per GCCA	ratio	0.00	0.53	4.58	1.70	3.31	2.93	1.73	0.000	0.00153	0.001372	0.001358	0.000994	0.16	0.13

Water Initiatives

S.No	Identified	Implemented
1	Drip irrigation system in labour colony area	Under process
2	Leaky water taps changed in plant and colony area	Completed

Annexure-7

SYSTEM OF ENSURING COMPLIANCES AND REPORTING OF NON-COMPLIANCE/ VIOLATION OF ENVIRONMENTAL NORMS TO THE BOARD

At Sagar Cements (M) Pvt. Limited, Jeerabad , the Environment Management Cell (EMC), headed by Deputy General Manager and supported by a well qualified & well experienced team of Environmental Manager, Officers , Engineers etc. EMC is responsible for the day to day activities related to the monitoring of environmental parameters, compliance of general and specific conditions of Environmental Clearance, maintaining records, data compilation and analysis, obtaining consents, authorization and other statutory permissions of Hazardous Wastes, ground water withdrawal etc. Any non-compliance/ violation of the environment norms are immediately reported to the unit Head, who is directly responsible to the compliances as per the law.

For the internal surveillance of the compliances and to provide technical support in resolving the environmental issues, the company adopts two tier approach, one at Zonal Level and other at the Corporate level to ensure that the units conform to the environmental standards and all other compliances, prescribed by the SPCB/ MoEF/ CPCB.

In case, any minor violation of advisory nature is observed during inspection by the SPCB/CPCB/ MoEF official(s) and communicated in writing to the plant, it will immediately be reported to the Unit Head and will be rectified through concerned departmental head. In case of major non compliance/ violation of the environmental norms or any Notice/ Direction under Section 31 A of the Air (Prevention and Control of Pollution) Act 1981 under Section 33 A of the Water (Prevention and Control of Pollution) Act 1974 under Section 5 of the Environment (Protection) Act 1986 received, is immediately reported by the Head, EMC to the Unit Head, Zonal Environmental Head, President/ Head Corporate Environment group. President / Head Corporate Environment group reports this matter to the Managing Director, Executive Chairman and to the Board of Directors of the Company. He is fully responsible for the implementation of all the decisions of the Board, related to the statutory compliances to the environmental regulation and overall improvement of the green image of corporate environment.



Environment Policy



Sagar Cements Limited (SCL) is extremely mindful of its responsibility towards protecting and enhancing the environment and is committed to achieving outstanding environmental performance and continuous improvement across all its operations.

The Company aims to achieve this by

- Commitment submitted to SBTi, Aligning with SBTi emission reduction goals, setting short-term targets to reduce emissions and long term target to become Net zero by 2050.
- Promoting the low clinker cements in a big way.
- Reducing CO₂ intensity through adopting the best technologies and practices across all its functions.
- Reducing energy intensity while simultaneously increasing the use of green energy and alternative fuels.
- Minimizing transport emissions by reducing lead distances and gradually migrating to environmentally friendly transportation modes.
- Improving resource use efficiency to conserve natural resources while enhancing the use of waste materials to move towards a circular economy.
- Optimizing use of essential resources such as minerals, energy, water, land etc.



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- Adopting environmentally safe mining and process technologies.
- Practicing the reduce, recycle, reuse principles to reduce water intensity by minimizing freshwater consumption and achieving a high level of water harvesting to become water positive across all operations.
- Assessing the environmental practices and policies of critical suppliers as part of selection process and maximizing sourcing of products and services from environmentally friendly entities.
- Deploying environment management systems across all operations.
- Promoting an environmentally aware and friendly culture among employees and all stakeholders.
- Setting objectives and targets to monitor environmental performance and periodically reporting on progress to all stakeholders.
- Complying with the most up-to-date environmental regulations and other requirements that may be in force from time to time.



Minimizing environmental impact contributes to the equitable wealth of all living things
– Let us protect the world we live in with all our strength & energies.

Managing Director

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Revision 01



