



SAGAR CEMENTS (M) PRIVATE LIMITED

(A Subsidiary of SAGAR CEMENTS LIMITED)

SCMPL/Karondiya/ Env't. Stat./ 2025-26

Date - 06.07.2026

PCB 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 (Form V) for the Financial Year 2025- 26.

**Reference : 1- EC Letter No- 1494/SEIAA/ 2019 Dated 03.07.2029 & File No: IA-
J-11011/280/2024-IA-II(Ind-I)**
2- Consent No:AW-58645 Dated 01/08/2023

Dear Sir,

As mentioned in the above cited subject matter, we are here by submitting the "Environmental Statement Report" FY 2025-26 in the prescribed format (**Form V**) under **Environment (Protection) Rules, 1986** pertaining to our Integrated Cement M/s Sagar Cements (M) Pvt. Ltd. located at village Karondiya, Post - Jeerabad, Teh.- Gandhwani District - Dhar (MP).

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 , Arera Colony, Link Road -3,
Ravishankar Nagar, Bhopal (M.P)-462016

- For your kind information pl

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

- For your kind information pl



SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)

(A Subsidiary of SAGAR CEMENTS LIMITED)



SAGAR
C E M E N T

M/S. Sagar Cements (M) Private Limited
Village - Karondiya, Tehsil - Gandhwani, District -
Dhar (M.P.)

Form - V

ENVIRONMENTAL **STATEMENT**

For the Financial year ending
31st March 2026

**CONTENTS**

S.No.	Description	Part No.	Page No.
	Cover Page		1
	Contents		2
	General Information	Part A	3
	Water & Raw material consumption	Part B	4-5
	Pollution discharge to Environment /Unit of output	Part C	6-9
	Hazardous waste	Part D	10
	Solid Waste	Part E	11
	Characterizations of Hazardous waste as well as solid waste & disposal practice	Part F	12
	Impact of the pollution abatement measures taken on conservation of natural resources & on the cost of production	Part G	12-13
	Additional measure / Investment proposal for environmental protection.	Part H	13-14
	Any Other particulars for improving the quality of the environment	Part I	14
	Annexures		15-

**SAGAR CEMENTS (M) PRIVATE LIMITED,
UNIT- JEERABAD****F O R M - V****(See Rules 14)****Environmental Statement for the Financial
Year ending 31st March 2026****P A R T – A**

(i)	Name and address of the owner/ occupier of the industry operation or process.	:	M/S Sagar Cements (M) Private Limited (Old Name- Satguru cement Pvt. Ltd. Survey No. 4, 26/1, 36, 37/1, Village- Karondiya Post Jeerabad, Tahsil- Gandhwani, Dist: Dhar-454446 (M.P.)
	Occupier	:	Shri Rajesh Bansal
(ii)	Industry category Primary-(STC Code) Secondary- (STC Code)		Red, Large (Cement Manufacturing)
(iii)	Production Capacity Cement Plant WHRS	:	1.1 MTPA(Clinker) 0.950 MTPA(Cement) 7.0 MW
(iv)	Year of establishment	:	2021
(v)	Date of the last environmental statement submitted	:	8th July, 2025

**PART – B****WATER AND RAW MATERIALS CONSUMPTION****(i) Water Consumption**

Cement manufacturing plant is dry process and does not require any process water. Water consumption in the plant is only for cooling, WHRS feed, gardening, domestic etc is as follows.

Water Consumption, m³ / day (Avg.) :

	Description	During Previous Financial Year 2024-25 (m ³ /day)	During Current Financial Year 2025-26(m ³ /day)
	Total Water Consumption	296	314
	Process	Nil	Nil
	Cooling/WHRS	79.7	92
	Plantation	99.3	104.7
	Domestic	88.3	104.8

Sagar Cements (M) Private Limited is permitted to withdraw the water from Mann river by WRD, Madhya Pradesh at the rate **885** cubic meter per day.

* Excluding CSR water

Name of Product	Process Water Consumption per unit of product output	
	During the previous financial (Year 2024-25)	During the Current financial (Year 2025-26)
Cement	-	-
Clinker	0.025 KL/Ton	0.022 KL/Ton
WHRS	0.59 (KL/MWH)	0.58 (KL/MWH)

(ii) Raw Materials Consumption

Name of Raw Materials	Name of Product	Consumption of raw material per unit of output	
		During the previous Financial (Year 2024-25)	During the previous Financial (Year 2025-26)
Lime Stone	Clinker	1.4852	1.5151
Red Ocher		0.0110	0.0126
Laterite		0.0160	0.0135
Murum		0.0381	0.010



SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)

(A Subsidiary of SAGAR CEMENTS LIMITED)

Copper Slag		0.0036	0.0099
Pet Coke		0.0569	0.0210
Coal		0.0743	0.1331
Plastic Waste		0.0126	0.0004
Biomass		0	0.0010

Name of Raw Materials	Name of Product	Consumption of raw material per unit of output	
		During the previous Financial (Year 2024-25)	During the previous Financial (Year 2025-26)
Clinker	Cement (OPC)	0.93	0.9102
Gypsum		0.04	0.048
Name of Raw Materials	Name of Product	Consumption of raw material per unit of output	
		During the previous Financial (Year 2024-25)	During the previous Financial (Year 2025-26)
Clinker	Cement (PPC)	<u>0.65</u>	<u>0.625</u>
Fly ash		<u>0.32</u>	<u>0.33</u>
Gypsum		<u>0.03</u>	<u>0.041</u>

Total Cement Production (MT)

Name of product	During current financial year (2024-25)	During current financial year (2025-26)
Cement	787999 MT	947284 MT
Clinker	755907 MT	940340 MT

**PART- C****POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT****(Parameter as specified in the consent issued)****(a)Water Pollutant Details**

Water pollution is virtually absent as no liquid effluent is being generated from the process. The water is only used for cooling the machines/parts of the machine. The major area of domestic water consumption inside the plant is for domestic (Drinking, Toilet, Colony and for Canteen use) and other part of water is used in green belt development.

Domestic wastewater generated is being treated in the STP which have installed capacity of 150 KLD in Staff colony and 60 KLD for plant. All the parameters are well below the specified limit.

S.No.	Pollutants	Quantity of pollutants discharged (Mass/day))	Concentration of pollutants in discharge (Mass/Volume)	Percentage variation of from prescribed standards with reasons
	<u>Colony STP (Outlet) 2025-26</u>			
1.	Outlet effluent of Sewage Treatment plant	19.5 KL/Day (Average)		
2.	pH		7.4	Within Standard
3.	BOD 3 days at 27°C, mg/l		7.7	Within Standard
4.	COD, mg/l		39.2	Within Standard
5.	Total Suspended Solid, mg/l		17	Within Standard
6.	Fecal Coliforms		300.8	Within Standard
7.	Oil & Grease		Less Than 5	



S.No.	Pollutants	Quantity of pollutants discharged (Mass/day))	Concentration of pollutants in discharge (Mass/Volume)	Percentage of variation from prescribed standards with reasons
Plant STP (Outlet) 2025-26				
1.	Outlet effluent of Sewage Treatment plant	5.1 KL/Day (Average)		
2.	pH		7.4	Within Standard
3.	BOD 3 days at 27°C, mg/l		8.2	Within Standard
4.	COD, mg/l		41.6	Within Standard
5.	Total Suspended Solid, mg/l		17.1	Within Standard
6.	Fecal Coliforms		304.2	Within Standard
7.	Oil & Grease		Less Than 5	



(b) Air Pollutant Details: -

	i. Ambient Air		Min.	Max.	Avg.	
1	Near Main Gate , µg/m ³ (South)	PM10	74.5	86.3	82.1	Within Standard
		PM2.5	33.3	40.4	37.4	Within Standard
		SO ₂	10.2	16.9	13.5	Within Standard
		NO _x	18.4	29.5	24.4	Within Standard
		CO	0.687	1.031	0.9	Within Standard
2	Near Store , µg/m ³ (West)	PM10	66.7	78.7	70.5	Within Standard
3		PM2.5	30.3	36.2	32.8	Within Standard
4		SO ₂	8.6	13	10.4	Within Standard
5		NO ₂	14.6	21.5	16.9	Within Standard
6		CO	0.343	0.802	0.572	Within Standard
	Near Water Tank , µg/m ³ (East)	PM10	60.5	86.6	73.8	Within Standard
		PM2.5	28.6	41.2	34.4	Within Standard
		SO ₂	7.9	15.8	11.3	Within Standard
		NO _x	13.3	28	19.1	Within Standard
		CO	0.458	0.916	0.7	Within Standard
	Near Mines Auto Garrage, µg/m ³ (North)	PM10	74.5	85.1	80.7	Within Standard
		PM2.5	35.4	41.3	37.6	Within Standard
		SO ₂	9.8	14.5	12.0	Within Standard
		NO _x	16.2	27.3	20.8	Within Standard
		CO	0.687	1.031	0.887	Within Standard



<u>(ii) Stack</u>			
Pollutants	Allowable Standards	Concentration of Pollutants Discharged in mg/Nm³	Percentage of variation from prescribed Standards with reason
<u>Stack Emission.</u>			
Stack of Cement Mill		Min. Max. Avg.	
P.M.	30 mg/Nm³	17.0 – 27.4 (21.9)	Stack emission values are well within the prescribed limits stipulated by SPCB in Consent
Stack of Coal Mill			
P.M.	30 mg/Nm³	17.1 – 24.3 (20.5)	Stack emission values are well within the prescribed limits stipulated by SPCB in Consent
Stack of ESP Cooler			
P.M.	30 mg/Nm³	15.7 – 26.0 (19.7)	Stack emission values are well within the prescribed limits stipulated by SPCB in Consent
Stack of Raw Mill & Kiln			
P.M.	30 mg/Nm³	16.6 - 26.2 (20.8)	Stack emission values are well within the prescribed limits stipulated by SPCB in Consent
Stack of Raw Mill & Kiln			
SO₂	100 mg/Nm³	45.6 - 67.5 (58.1)	Stack emission values are well within the prescribed limits stipulated by SPCB in Consent
Stack of Raw Mill & Kiln			
NO₂	600 mg/Nm³	82.5 – 133.5 (106.1)	Stack emission values are well within the prescribed limits stipulated by SPCB in Consent

**P A R T – D****Hazardous Waste**

(As specified under Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008)

Hazardous Waste	Total Quantity (kg)	
	During the previous Financial year 2024- 25	During the Current Financial year 2025-26
(a) From Process		
Spent Oil (Used Oil)	2.729 MT	6.188 MT
Used Grease	4.7 MT	12.66 MT
(b) From pollution Control Facilities	Nil.	Nil.

The Waste oil generated at different sections in the plant is collected in the leak proof container (M.S.Barrels) and stored for a short time at Hazardous waste storage room . Waste oil so collected in the leak proof container (M.S.Barrels) is being sold to the authorized reprocesses/recyclers. Used Batteries waste are sale out as buy back procedure and either will be disposed through authorized recycler.

Details for utilization of Non-hazardous waste in co-processing during 2025-26

S.No.	Waste Description	Quantity Used (MT)
1	Plastic Waste	387.463

**P A R T – E****SOLID WASTE**

Total Quantity in MT		
	During the previous Financial year 2024 - 2025	During the Current financial year 2025-2026
(a) From Process	1.01 MT (Burst Bags) (Used as AFR in the Kiln)	0.87 MT (Burst Bags) (Used as AFR in the Kiln)
(b) From Pollution control Facilities	NIL	NIL
(c) (1) Quantity recycled or reutilized Within the unit	All the collected swept solid waste is reused in the the process	
(2) Sold	176.12(Scrap)	21.79 (Scrap)
(3) Disposed	NIL	NIL

Dust collected in the Bag House and Bag filters are Recycled back into the system



SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)

(A Subsidiary of SAGAR CEMENTS LIMITED)

P A R T – F

Please specify the characterization (in term of composition and quantum) of Hazardous as well as solid waste and indicate disposal practice adopted for both these categories of wastes.

HAZARDOUS WASTE. No Hazardous waste is generated from the process except used oil and used grease which are generated from machineries. Presently used oil is stored in 200/220 liter capacity drums and kept in secured area / place within the factory premises as per the Hazardous Waste Management Rules. After getting the authorization of Hazardous Waste (Authorization No. H-60940 dated 28/08/2024), the disposal is being done as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules , 2016. The Used Oil and waste oil disposed off to the Authorized recyclers for processing.

E-WASTE. No E-waste was generated or disposed of during the period from April 2025 to March 2026. In the event of any e-waste generation, it will be disposed of through an authorized vendor.

Batteries Waste - No batteries were disposed of during the period from April 2025 to March 2026. Used batteries are sold through a buy-back arrangement and are subsequently recycled or disposed off if any through authorized recyclers in accordance with applicable regulations

SOLID WASTE.

Burst bags are collected, stored in specific area and used as AFR in Kiln.

Dust collected in the Bag House and Bag filters is recycled back into the system.

Part-G

Impact of pollution abatement measures taken on conservation of natural resources and on the cost of production.

Sagar Cement (M) Private Limited is using fly ash to manufacture PPC Cement, thus utilizing power plant waste and conserving limestone and coal-the non-renewable natural resources. The plant is equipped with state-of-the art Air Pollution Control devices so that emission level maintained well below stipulated norms as prescribed in the consent: Total 68 Nos. of pollution Control Device viz. Bag House, Bag filters and ESP have been installed to control the emissions from stacks as well as fugitive dust emissions from various material transfer points as per CPCB guideline. Entire collected dust is also recycled/ reutilized into the system. Fully mechanized system developed for handling of raw materials. All raw materials handling is being done by fully covered conveyor belt. Water



SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)

(A Subsidiary of SAGAR CEMENTS LIMITED)

sprinkling on road is being carried out regularly to control the fugitive dust emission which is generated during movement of vehicles. The company has undertaken various energy efficiency improvement measures & process modifications which helped to significantly reduce the overall energy consumption to enable us to achieve our ultimate goal of GHG emission reduction and positive contribution. Thus, the pollution abatement & other energy conservation practices adopted by us save precious raw material/ product and greatly help in conserving valuable natural resources.

Good housekeeping practice is being done by

1. Raw coal is stored in covered shed
2. Clinker and cement is stored in covered silo.
3. Gypsum is stored in a covered shed.
4. Regular road sweeping is being carried out mechanized sweeping machines.
5. Scheduled maintenance and monitoring of Pollution Control Devices are being done.

PART – H

Additional measures/ investment proposal for environmental protection including abatement of pollution, and Prevention of Pollution.

The company has installed and commissioned Continuous Online Ambient Air Quality Monitoring Systems and Continuous Online Emission Monitoring Systems and all the systems are connected with MPPCB and CPCB server for data transfer.

The Sewage Treatment Plant (STP) has been installed for treatment of domestic effluent for Colony as well as for plant. STP treated water is being used for green belt development and plantation in the plant area.

Replacement of damaged filter bags in bag filters and Bag House is being done for effectively control the dust emission during material transport to improve the air quality inside the plant premises.

The ecology of the area has improved due to the Green Belt development program undertaken by the plant. So far, approx. 19715 trees in total have been planted over an area of about 10.0 ha in the plant area.



SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)
(A Subsidiary of SAGAR CEMENTS LIMITED)

For the pollution control measures the company incurred a cost of Rs. 66.0 per ton of Cement production during 2025-26. This does not include capital investment for the installation of Pollution Control devices.

ADDITIONAL MEASURES

1. ESP complete maintenance done by 3rd party (M/S Varnoj associates).
2. 1Nos new vent line points with 300 dia pipe, installed for CSP silo effective ventilation.
3. CSP vehicle entry opening covered with used belt curtain to avoid dust emission during silo filling.
4. Side skirt rubbers replaced in different belt conveyers.
5. Bag filters venting lines repaired / patch-up work done.
6. Discharge chute worn-out then repaired in raw mill.
7. Damaged 331-BC 3 belt replaced with new one to control the dust spillage.
8. 531 BC3 discharge chute modification done to control the fugitive emission.
9. Separator inlet duct stone box made for control of fugitive emission.

PART-I

Any other particulars for improving the quality of the Environment

1. The company planted about 19000 numbers of trees till date in the plant premises a. About 10.0 Ha green belt area covered till date.





SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)
(A Subsidiary of SAGAR CEMENTS LIMITED)



2. Revival & Proper care of trees/plants by top up of soil and fertilizer.
3. 2605 Numbers of bags and 43 nos. of cages replaced from Bag Filters & Bag Houses for controlling of dust emission effectively.
4. RO Reject water is being used for washing of utensil in kitchen and watering in green belt.
5. No discharge of effluent to surrounding areas and wastewater generated from WHRS is treated in Neutralization pit and reused in dust suppression as well as development of Green Belt.
6. Water Sprinkling is being done on a regular basis for dust suppression.
7. Our plant celebrated World Environment Day on 5th June, 2025 with a significant plantation drive with plant employee





SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)
(A Subsidiary of SAGAR CEMENTS LIMITED)



8. Awareness program is carried out on International Ozone Day.
9. Our plant also celebrated World Earth Day on 22nd April, 2025 with a significant plantation drive with plant employee.



10. Awareness sessions are carried out regarding water conservation issues.
11. All the Internal Roads have been made CC Road to control the fugitive Dust Emission.





SAGAR CEMENTS (M) PRIVATE LIMITED

(Formerly known as Satguru Cement Private Limited)
(A Subsidiary of SAGAR CEMENTS LIMITED)

12. Regular road sweeping is being carried out through mechanized road sweeping machines.

