



BK BIRLA GROUP OF COMPANIES

MANGALAM CEMENT LTD.



MANGALAM CEMENT LTD.

REGD. A/D

MCL/ Env. Audit – 117(II)/2025-2026/ 2853/34

Date: 16.09.2025

To

The Environment Engineer (CPP),
Rajasthan Pollution Control Board,
4, Institutional Area, Jhalana Doongari,
District - Jaipur, (Rajasthan)

Subject: Submission of Annual Environment Statement Report in Form-V for the period from Apr-2024 to Mar-2025 (FY 2024-25) of Synthetic Gypsum Plant situated at M/s Mangalam Cement Ltd., P.O. Aditya Nagar, Morak, Distt. Kota, Rajasthan -326520

Ref: As per Issued Board CTO & Environment Protection Act, 1986.

Dear Sir,

With reference to the above subjected matter, in this regard, submitting herewith an Environment Statement Report in form-V for the period from Apr-2024 to Mar-2025 (FY 2024-25) of Synthetic Gypsum Plant situated of M/s Mangalam Cement Ltd., P.O. Aditya Nagar, Morak, Distt. Kota, Raj.

This is for your kind information and record please. Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully

For Mangalam Cement Ltd.

P. R. Chaudhary

Sr. Joint President (O) & FM

Cc to: - The Regional Officer,
Rajasthan Pollution Control Board,
Plot No. SPL. 2A, Paryavaran Marg, Road No. 6,
Indraprastha Industrial Area, Kota – 324005

Regd. Office & Works : P.O. Aditya Nagar-326520, Morak, Distt. Kota (Raj.) CIN : L26943RJ1976PLC001705, Telefax : 07459 - 232156
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ENVIRONMENT STATEMENT REPORT

(FORM-V)

FY 2024-25

SYNTHETIC GYPSUM

MANGALAM CEMENT LTD.

P. O. ADITYA NAGAR, MORAK,

DISTT. KOTA, RAJASTHAN – 326520

FORM-V
ENVIRONMENTAL STATEMENT

(See rule 14)

Environmental Statement for the financial year ending with 31st March 2025 FY:-2024-2025

PART-A

1.	Name & address of the owner/ occupier of the industry/ operation or process	Shri. P. R. Choudhary Sr. Joint President (Operation) & FM M/s Mangalam Cement Ltd. Synthetic Gypsum Aditya Nagar, Village: Morak Distt: Kota (Raj.) Pin code: 326520
2.	Industry Category Primary – (STC Code) Secondary – (STC Code)	Red Category
3.	Production capacity	Synthetic Gypsum : 1000TPD
4.	Year of establishment	2020
5.	Date of last environmental statement submitted	14.09.2024

PART –B

Water and Raw Material Consumption:

i. Water consumption in M³/d

Process: } NIL M³/day

Cooling: }

Domestic: 148.82 M³/Day, which is common for Unit – I, II, III & CPP – I & II, WHR and colonies

Name of Products	Process water consumption per unit of products (KL/Ton)	
	During the previous financial year (2023-2024)	During the current financial Year (2024-2025)
1. Synthetic Gypsum	NA	NA

ii. Raw material consumption

Name of raw materials*	Name of product	Consumption of raw material per unit of Output (Ton/Ton)	
		During previous financial year (2023-2024)	During Current financial year (2024-2025)
1. Phospho-Gypsum	Synthetic Gypsum	0.34	0.34
2. Kota Stone Slurry		0.66	0.66

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.

iii) Power Consumption (KWH/Ton):-

During Previous Financial Year	During Current Financial Year
25.96*	27.34

*Included in Power consumption of Unit-III.

iv) Total Production (Tons): -

Production	During Previous Financial Year	During Current Financial Year
Power Generation	200825	199520

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants in discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
a) Water	Not Applicable		
b) Air	NA	NA	NA

PART-D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management, Handling & Transboundary Movement Rules, 2016).

Hazardous Wastes	Total Quantity (Kg)			
	During previous financial year (2023-2024)		During Current financial year (2024-2025)	
1. From Process (Cement Manufacturing is based on "Dry Process" no Hazardous waste is generated from the process except used oil which is drained from Machinery / Equipments)	We have Authorization for Hazardous waste Management & Handling for Unit – III,		We have Authorization for Hazardous waste Management & Handling for Unit – III,	
	Total Quantity Generated from April 2023 to March 2024 (Ltrs.)	0.0	Total Quantity Generated from April 2024 to March 2025 (Ltrs.)	0.0
	Old stock (Ltrs.)	NIL	Old stock (Ltrs.)	NIL
	Total Used Oil (Ltrs.)	0.0	Total Used Oil (Ltrs.)	0.0
	Sold-out to registered recycler (Ltrs.)	0.0	Sold-out to registered recycler (Ltrs.)	0.0
	Balance Quantity (Ltrs.)	NIL	Balance Quantity (Ltrs.)	NIL
Chemical Gypsum	NIL		NIL	
Waste Mix Liquid & Solid	NIL		NIL	
2. From pollution control facilities	NA		NA	

PART – E

SOLID WASTES:

Solid Wastes	Total Quantity –WHR(Ton)	
	During previous financial year (2023-2024)	During Current financial year (2024-2025)
1. From Process	NA	NA
2. From pollution control facilities	NA	NA
2. i) Quantity recycled or reutilised within the unit.	NA	NA
ii) Solid	NA	NA
iii) Disposed	NA	NA

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Battery Wastes :-

As specified under Batteries (Management and Handling) Amendment Rules, 2010. We have purchased following new batteries of different categories is common for Cement Plant Unit I, II, III and Captive Power Plant Unit I & II and Mines-

Number of new batteries of categories purchased from the manufacturer / importer / dealer or any other agency.		During 1 st April 2024 to 31 st March 2025.
Common for Cement Plant Unit I, II, III and Captive Power Plant Unit I & II and Mines		
Category	i) No. Of Batteries	ii) Approximate weight (In metric Tonnes)
i) Automotive		
a) Four Wheeler	81	2.287
ii) Industrial		
a) UPS	161	1.618
Total	242	3.905

Number of used batteries of categories mentioned in Sl. No. 3 and Tonnage of scrap sent manufacturer / dealer / importer / registered recycler / or any other agency to whom the used batteries scrap was sent.		During 1 st April 2024 to 31 st March 2025.
Common for Cement Plant Unit I, II, III and Captive Power Plant Unit I & II and Mines		
Category	iii) No. Of Batteries	iv) Approximate weight (In metric Tonnes)
i) Automotive	NIL	NIL
a) Four Wheeler		
ii) Industrial	NIL	
a) UPS		
Total	NIL	NIL

Used battery scrap was sent to CPCB authorized recycler

Hazardous wastes

No Hazardous waste is generated from the process except used oil which is drained from Machineries / Equipment. The used oil & lead acid batteries are sold to CPCB authorized recyclers.

Bio-Medical Wastes:

Bio-Medical waste generated is common for Cement Plant, Power Plant and Mines during Period of January 2024 to December 2024 under the Bio-medical Waste Management Rules 2016 & its amendments are as follows.

Year	Bio-Medical Waste Quantity (Kg) as per Colour Coding			
	Red	Blue	Yellow	White
1 st Jan. 2024 to 31 st Dec. 2024	16.723	11.234	16.039	1.604

E- Wastes:-

E- Waste disposal is common for Cement Plant, Power Plant and Mines during financial year 2023-2024 and 2024-2025 under the E-Waste (Management) Rules 2016 & its Amendments are as follows.

	Total Quantity Disposed	
	During previous financial year (2023-2024)	During Current financial year (2024-2025)
E-waste disposed	180.00 kg	3100.00 kg

E-waste was sent to CPCB authorized recycler.

PART-G

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

Synthetic Gypsum Plant is being operated on environmentally clean technology. In this project two different industrial wastes i.e. Phospho-gypsum (a waste of phosphoric acid manufacturing plant) and Kota Stone Slurry Powder (a waste from Kota Stone industries) are being used for gainful utilization as synthetic gypsum in our own cement plant; which helps in conservation of natural resources and waste disposal problem simultaneously.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

Green belt development and tree plantation is our on-going process. We have planted 702 No's of native species and up to March 2025, 133429 trees have been planted in premises of Unit – I, II, III, CPP – I, CPP – II and colonies.

PART –I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

1. We have full-fledged Environment Department with three separate cells, for monitoring, maintenance of pollution control equipment and Green Belt development.
2. Monitoring of stack emission and ambient air and water quality is being done regularly.
3. Maintenance department is doing regular checking and scheduled maintenance of all the pollution control devices.
4. Civil Department is taking care of Housekeeping, water supply and operation of STPs.
5. Horticulture Department is taking care of tree plantation and green belt development. Every year we are doing tree plantation.