

REGD. A/D

MCL/ Env. Audit – 117(II)/2026-2027/ 659

18.09.2026

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-2025 to Mar-2026 (FY 2025-26) of UNIT-1 Including Colony & Health Care Facility of 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-2025 to Mar-2026 (FY 2025-26) of Unit-I including both Colonies & Health Care Facility of M/s Mangalam Cement Ltd., situated at P.O. Aditya Nagar, Morak, District - Kota, Rajasthan.

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

Thanking you,

Yours faithfully

For Mangalam Cement Ltd. (UNIT-I)

P. R. Chaudhary

Sr. Joint President (O)

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



Mangalam Cement Limited
Corporate Office : Birla Building, 10th Floor, 9/1 R. N. Mukherjee Road,
Kolkata - 700 001, Tel. : 033 2243 8707, 9073672432/33/34,
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Unit/Branch Office :



ENVIRONMENT STATEMENT REPORT

(FORM-V)

FY 2025-2026

CEMENT PLANT UNIT - I

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 2026 FY: 2025-2026

PART-A

1.	Name & address of the owner/ occupier of the industry/ operation or process	Shri. P. R. Choudhary Sr. Joint President (O) & FM Mangalam Cement Ltd. (Unit-I) Aditya Nagar, Village: Morak Distt: Kota (Raj.) Pin code: 326520
2.	Industry Category Primary – (STC Code) Secondary – (STC Code)	Red Category
3.	Production capacity	Cement :- 1.7 MTPA Clinker :- 1.35 MTPA
4.	Year of establishment	1981
5.	Date of last environmental statement submitted	16.09.2025

PART –B

Water and Raw Material Consumption:

I. Water consumption in m³/day

Process: - NA (As plant is based on Dry process technology)

Cooling: - 163.91 M³/day

Domestic: - 176.64 M³/Day, which is common for Unit – I, II, III & CPP – I & II and colonies.

Name of Products	Process water consumption per unit of products	
	During Previous financial Year (2024-2025)	During the current financial Year (2025-2026)
1. Cement	0.079	0.068
2. Clinker	0.048	0.045

II. Raw material consumption (Cement Plant)

Name of raw materials*	Name of product	Consumption of raw material per unit of output	
		During Previous financial Year (2024-2025)	During the current financial Year (2025-2026)
1. Morak lime stone	Cement	1.2406	1.198
2. High grade lime stone		0.1595	0.2171
3. Fly ash		0.345	0.345
4. Gypsum		0.069	0.078
5. Blue dust/ Red Ochre/ Laterite/ etc.		0.0799	0.0650
6. Coal		0.0213	0.0401
7. Pet Coke		0.082	0.073
8. Waste Stone slurry		0.050	0.050
9. Bio Mass		0.0	0.0
10. Waste Mix Liquid and Solid		0.0036	0.0024
11. Plastic Waste		0.0	0.00000039
12. Grinding Aid		0.0009	0.0009
13. Mill Scale		0.0	0.0010

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

Raw Material Consumption (D.G. Set)

Name of raw materials*	Name of product	Consumption of raw material (Ltr)	
		During Previous financial Year (2024-2025)	During the current financial Year (2025-2025)
H. S. Diesel	Power	1676	140

iii) Power Consumption (KWh/ T of Cement):-

During Previous Financial Year	During Current Financial Year
65.41	65.51

iv) Total Production (MT):-

Production	During Previous Financial Year	During Current Financial Year
Clinker	1344437	1341651
Cement	821512.066	883740.781

Total Power Generation (DG Set) (KWh)

Production	During Previous Financial Year	During Current Financial Year
Power Generation	300	97

PART-C

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

Pollutants	Parameter	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants in discharged (mass/volume)	Percentage of variation from prescribed standards with reasons.
a) Water	As the plant is being operated on dry process technology, total process water recycled, no liquid effluent is generated from the cement plant.			
b) Kiln Main Stack	PM	0.104 Ton / day	16.65 mg/Nm ³	No any deviation
	SO ₂	0.238 Ton / day	38.33 mg/Nm ³	No any deviation
	NO _x	3.75 Ton / day	612.28 mg/Nm ³	No any deviation
c) Clinker Cooler Stack	PM	0.07 Ton / day	16.63 mg/Nm ³	No any deviation
d) Coal Mill Stack	PM	0.02 Ton / day	15.69 mg/Nm ³	No any deviation
e) Cement Mill	PM	0.01 Ton / day	17.29 mg/Nm ³	No any deviation

PART-D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (M, H& Transboundary Movement Rules, 2016).

Hazardous Wastes	Total Quantity			
	During Previous financial Year (2024-2025)		During the current financial Year (2025-2026)	
1. From Process (Cement Manufacturing is based on "Dry Process" no Hazardous waste is generated form the process except used oil which is drained from Machinery/ Equipment)	We have Authorization for Hazardous waste Management & Handling for Unit – I, CPP-I & II, D.G. set, Mines		We have Authorization for Hazardous waste Management & Handling for Unit – I, CPP-I & II, D.G. set, Mines	
	Total Quantity Generated from April 2024 to March 2025 (Ltrs.)	4800	Total Quantity Generated from April 2025 to March 2026 (Ltrs.)	6000
	Old stock (Ltrs.)	NIL	Old stock (Ltrs.)	NIL
	Total Used Oil (Ltrs.)	4800	Total Used Oil (Ltrs.)	6000
	Sold-out to registered recycler (Ltrs.)	4800	Sold-out to registered recycler (Ltrs.)	6000
	Balance Quantity (Ltrs.)	NIL	Balance Quantity (Ltrs.)	NIL
Chemical Gypsum	NIL		NIL	
Waste Mix Liquid	3808.19		2691.26	
Waste Mix Solid	1006.51		545.33	

Plastic Waste	NIL	520 KG
Agro Waste	NIL	NIL
Cotton Waste	710 KG	1241 KG
Iron Sludge	NIL	NIL
2. From pollution control facilities	NA	NA

PART-E

SOLID WASTE

Solid Wastes	Total Quantity (Kg)	
	During previous financial year (2024-2025)	During Current financial year (2025-2026)
1. From Process	NIL	NIL
2. From pollution control facilities	Dust Collected in the ESP's, bag house and bag filters are recycled to the system	
3. i) Quantity recycled or reutilised within the unit.	100 %	100 %
ii) Solid	NIL	NIL
iii) Disposed	NIL	NIL

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 2025 to 31 st March 2026.
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	100	2.656
ii) Industrial		
a) UPS	275	2.378
Total	375	5.034

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 2025 to 31 st March 2026.
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		NIL
Total	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 April 2025 to March 2026 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 April 2025 to 31 st March 2026	14.431	11.405	15.571	0.726

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 (2024-2025)	During Current financial year (2025-2026)
E-waste disposed	3100.00 kg	0.00 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.

M/s Mangalam Cement Limited is being operated on dry process technology, which is cost effective and environmentally clean technology. The advantage of dry process is also in fuel economy. The stack emissions from the plant are controlled by equipment like ESPs & Bag Houses. Bag filters installed at various material transfer points to clean the process and arrest the fugitive emissions. The particulate matter collected in the pollution control equipment is recycled in process and neutralizing the cost of operation of pollution control equipment and hence no cost impact on the production cost.

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 1315 No's of native species and up to March 2026, 134744 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 & operation of STPs.
5. Horticulture Department is taking care of tree plantation and green belt development. Every year we are doing tree plantation.

We are enclosing herewith following documents:-

Annexure – 1:- Stack Emission Monitoring Test Reports

Annexure – 2:- Ambient Air Quality (PM10, PM2.5, NOx and SO2)

Annexure – 3:- Analysis Report of Treated Domestic Waste Water.

M/s Mangalam Cement Ltd.
Unit-I
Stack Monitoring Report
(All values are in Mg/Nm³)
Period: 2025-2026

Units	UNIT - 1					
Stack Locations	Kiln-1			Cooler-1	Coal Mill-1	Cement Mill-1
APCM Provided	Bag House			ESP	Bag House	Bag House
Standard	30 (mg/Nm ³)	100 (mg/Nm ³)	800 (mg/Nm ³)	30 (mg/Nm ³)	30 (mg/Nm ³)	30 (mg/Nm ³)
Month	PM	SO ₂	NO _x	PM	PM	PM
Apr-25	15.80	57.20	680.50	22.90	16.40	17.50
May-25	20.65	60.10	596.23	21.85	16.35	17.70
Jun-25	14.40	51.60	558.50	13.50	12.10	16.50
Jul-25	20.00	30.00	395.50	14.00	13.40	17.80
Aug-25	17.10	14.30	510.20	18.10	15.00	17.95
Sep-25	19.90	41.00	645.00	17.90	16.20	16.80
Oct-25	17.20	37.40	673.10	16.60	13.30	15.80
Nov-25	19.05	17.90	658.20	17.40	15.96	16.98
Dec-25	17.50	18.30	615.20	17.10	14.80	17.70
Jan-26	14.55	63.40	620.20	18.20	22.00	17.80
Feb-26	12.50	39.90	705.20	10.40	17.10	17.70
Mar-26	11.10	28.90	689.50	11.55	15.65	17.25

Location Month	Near Railway Gate					Near Workshop					Near Rack Loading Area					Near Security gate				
	100	60	80	80	4000	100	60	80	80	4000	100	60	80	80	4000	100	60	80	80	4000
Limits	PM 10	PM 2.5	SO2	NOx	CO	PM 10	PM 2.5	SO2	NOx	CO	PM 10	PM 2.5	SO2	NOx	CO	PM 10	PM 2.5	SO2	NOx	CO
Apr-25	67.2	33.7	5.8	10.6	328.2	70.0	37.6	6.9	12.5	328.2	61.7	34.0	5.8	12.5	359.5	76.4	41.9	6.9	16.5	328.2
May-25	62.6	33.6	5.5	9.3	314.2	73.0	38.3	8.1	12.8	301.7	61.4	34.3	7.4	12.4	328.2	73.9	42.3	11.0	16.2	357.9
Jun-25	61.9	33.1	6.4	9.9	317.3	71.7	37.9	7.4	12.2	298.5	62.3	34.3	6.8	13.4	334.5	74.7	43.1	10.1	16.1	336.1
Jul-25	46.7	30.1	4.8	9.1	315.7	52.3	32.9	6.3	11.1	354.8	52.1	31.8	5.6	11.4	364.2	54.7	36.2	9.3	15.9	353.3
Aug-25	40.7	23.8	3.9	8.5	336.1	44.7	24.9	6.4	10.5	361.1	44.6	26.2	4.9	10.8	389.2	50.1	29.9	9.3	15.6	381.4
Sep-25	44.6	25.5	4.5	9.1	328.2	49.0	27.2	4.5	10.0	320.4	44.9	26.1	5.1	10.7	328.2	52.5	33.4	6.5	14.8	343.9
Oct-25	40.0	25.8	3.5	7.8	331.4	45.4	28.5	5.5	9.8	359.5	46.0	29.4	5.1	9.1	376.7	53.2	35.7	8.9	14.4	393.9
Nov-25	47.4	31.3	4.5	8.4	342.3	57.6	37.5	6.9	12.1	359.5	52.9	36.9	5.0	10.3	382.9	63.5	42.6	9.9	16.6	390.8
Dec-25	55.04	33.17	5.00	8.78	327.89	63.27	38.50	7.11	11.22	357.07	60.97	37.88	6.56	11.67	359.85	70.03	43.20	10.78	17.00	372.36
Jan-26	54.6	32.9	4.6	8.6	291.8	61.4	37.4	5.9	10.9	318.2	56.2	33.8	6.4	11.1	339.0	68.4	41.1	9.0	15.4	327.9
Feb-26	55.2	33.1	5.4	8.4	282.9	68.0	39.4	6.9	14.6	314.2	61.8	33.3	5.3	11.1	336.1	71.9	44.6	9.8	17.4	350.1
Mar-26	53.3	31.1	6.0	9.5	281.4	66.0	34.9	5.4	15.5	328.2	62.3	33.5	6.0	11.6	336.1	70.1	41.1	9.8	17.4	359.5

M/s MANGALAM CEMENT LTD. MORAK								
AMBIENT NOISE LEVEL MONITORING (All values in dB(A))								
FY: 2025-26								
Location Month	Near Railway Gate		Near Workshop		Near Rack Loading Area		Near Security gate	
Limits	75 dB(A)	70 dB(A)	75 dB(A)	70 dB(A)	75 dB(A)	70 dB(A)	75 dB(A)	70 dB(A)
Month	Day	Night	Day	Night	Day	Night	Day	Night
Apr-25	66.4	54.5	67.4	54.2	65.8	54.5	68.6	55.8
May-25	64.7	54.3	67.0	55.0	66.0	56.7	67.6	57.4
Jun-25	64.4	54.2	67.5	55.1	65.6	57.7	67.8	57.5
Jul-25	61.8	52.9	64.4	54.2	64.5	56.2	66.4	55.5
Aug-25	59.7	51.4	62.6	53.7	62.4	54.1	64.5	56.3
Sep-25	65.0	54.1	64.9	54.0	65.0	54.4	67.6	55.3
Oct-25	61.0	52.1	63.0	54.0	62.9	54.4	65.2	56.1
Nov-25	60.1	51.6	63.4	55.0	61.0	53.1	66.3	58.4
Dec-25	61.0	51.8	63.5	54.6	62.1	54.7	67.4	58.2
Jan-26	61.7	52.6	64.1	54.7	61.0	54.8	66.6	57.9
Feb-26	63.5	53.6	55.2	54.3	63.4	55.0	69.5	58.1
Mar-26	65.1	54.6	54.3	53.1	62.3	53.9	67.5	55.4

Annexure-III

M/S Mangalam Cement Ltd - Morak, Kota (Rajasthan)												
Basant Vihar Colony STP Outlet : (2025-2026)												
Parameters	pH Value	Chemical Oxygen Demand	Biochemical Oxygen Demand (3 days at 27°c)	Total Suspended Solids	Oil and Grease	Total Residual Chlorine	Ammonical Nitrogen as N	Nitrate Nitrogen	Fecal Coliform (MPN per 100 ml)	NH4 (N)	N total	Sulphide (as S)
Permissible Limits	Between 6.5 to 9.0	Not to exceed 50 mg/l	Not to exceed 10 mg/l	Not to exceed 20 mg/l	Not to exceed 10 mg/l	Not to exceed 1.0 mg/l	Not to exceed 50 mg/l	Not to exceed 10 mg/l	Not to exceed 100	5 mg/l	10 mg/l	Not to exceed 2.0 mg/l
Average Result (April-2025 to March-2026)	7.28	32.53	6.78	15.87	4.86	0.41	1.28	0.9	30.83	BLD	7.80	0.6