

REGD. A/D

MCL/ Env. Audit – 117(II)/2026-2027/ 660

18.09.2026

To

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

Subject: Submission of Annual Environmental Statement Report in Form-V for the period from Apr-2025 to Mar-2026 (FY 2025-26) of UNIT-2 of M/s Mangalam Cement Ltd., situated at P.O. Aditya Nagar, Morak, District 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 Annual Environment Statement Report in form-V for the period from Apr-2025 to Mar-2026 (FY 2025-26) of Unit-II of M/s Mangalam Cement Ltd., situated at P.O. Aditya Nagar, Morak, District- 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. (UNIT-II)

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,
Email : kolkata@mangalamcement.com



Unit/Branch Office :



ENVIRONMENT STATEMENT REPORT

(FORM-V)

FY 2025-2026

CEMENT PLANT UNIT - II

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-II) 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 : 2.30 MTPA Clinker : 1.32 MTPA
4.	Year of establishment	1993
5.	Date of last environmental statement submitted	16.09.2025

PART –B

Water and Raw Material Consumption:

I. Water consumption in m³/d

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

Cooling: 303.98 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	0.130	0.111
2. Clinker	0.110	0.84

II. Raw material consumption

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	1.226	1.114
2. High grade lime stone		0.175	0.303
3. Fly ash		0.0	0.0
4. Gypsum		0.06	0.08
5. Blue dust/ Red Ochre/ Laterite		0.0786	0.06
6. Coal		0.050	0.124
7. Pet Coke		0.065	0.013
8. Waste Stone slurry		0.05	0.05
9. Bio Mass		0.00	0.00
10. Carbon Black		0.00	0.00
11. Plastic Waste		0.00	0.00
12. Grinding Aid		0.0	0.0
13. Waste Mix Liquid and Solid		0.0013	0.0021
14. Chemical Sludge From Waste Water Treatment		0.0001	0.00098

*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/T of Cement):-

During Previous Financial Year (2024-2025)	During Current Financial Year (2025-2026)
87.44	86.43

iv) Total Production (MT):-

Production	During Previous Financial Year (2024-2025)	During Current Financial Year (2025-2026)
Clinker	1139463	1317547
Cement	964228.092	1001157.096

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	0.161 Ton / day	20.30 mg/Nm ³	No any deviation

	SO ₂	0.311 Ton / day	39.06 mg/Nm ³	No any deviation
	NO _x	4.14 Ton / day	530.11 mg/Nm ³	No any deviation
c) Clinker Cooler Stack	PM	0.08 Ton / day	18.20 mg/Nm ³	No any deviation
d) Coal Mill Stack	PM	0.03 Ton/ day	20.47 mg/Nm ³	No any deviation
e) Cement Mill	PM	0.0047 Ton/ day	14.60 mg/Nm ³	No any deviation

PART-D

HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (Kg)			
	During previous financial year (2024-2025)		During Current financial year (2025-2026)	
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 – II,		We have Authorization for Hazardous waste Management & Handling for Unit – II,	
	Total Quantity Generated from April 2024 to March 2025 (Ltrs.)	6200	Total Quantity Generated from April 2025 to March 2026 (Ltrs.)	5800
	Old stock (Ltrs.)	NIL	Old stock (Ltrs.)	NIL
	Total Used Oil (Ltrs.)	6200	Total Used Oil (Ltrs.)	5800
	Sold-out to registered recycler (Ltrs.)	6200	Sold-out to registered recycler (Ltrs.)	5800
	Balance Quantity (Ltrs.)	NIL	Balance Quantity (Ltrs.)	NIL
Chemical Gypsum	NIL		NIL	
Cotton Waste	180 KG		301 KG	
Waste Mix Liquid	NIL		1049.59	
Waste Mix Solid	1493.62 MT		1704.410	
Plastic Waste	130.00 KG		0	
Agro waste	NIL		NIL	
Iron Sludge	NIL		NIL	
Chemical Sludge	166.42 MT		1290.70 MT	
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		
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 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 2024-2025 and 2025-2026 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	0.0 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-I

M/s Mangalam Cement Ltd.							
Unit-II							
Stack Monitoring Report							
(All values are in Mg/Nm3)							
Period: 2025-2026							
S. No.	Month	Kiln-2			Cooler-2	Coal Mill-2	Cement Mill-2
		Bag House			ESP	Bag House	Bag House
		30 (mg/Nm3)	100 (mg/Nm3)	800 (mg/Nm3)	30 (mg/Nm3)	30 (mg/Nm3)	30 (mg/Nm3)
		PM	SO2	NOx	PM	PM	PM
1	Apr-25	19.00	46.00	375.23	20.10	16.90	15.90
2	May-25	19.80	37.20	523.20	21.20	16.80	15.10
3	Jun-25	20.30	47.20	652.30	17.20	18.10	15.50
4	Jul-25	20.80	37.50	655.20	17.55	22.90	14.20
5	Aug-25	20.10	25.80	520.30	18.10	22.50	14.16
6	Sep-25	20.90	33.10	600.10	17.40	22.70	14.70
7	Oct-25	20.30	51.00	705.20	17.65	22.50	13.75
8	Nov-25	20.30	53.20	197.60	17.88	20.75	14.99
9	Dec-25	20.35	35.90	380.20	18.50	21.50	14.30
10	Jan-26	20.41	38.40	635.30	17.22	21.90	14.21
11	Feb-26	20.60	45.80	600.20	17.90	20.10	17.40
12	Mar-26	20.70	17.60	516.50	17.66	19.00	14.60
	AVG.	20.30	39.06	530.11	18.20	20.47	14.90

MANGALAM CEMENT LIMITED, MORAK, DIST: KOTA

AMBIENT AIR QUALITY (All values in µg/m³)

(Year: 2025-26)

Location Month	Near Railway Gate						Near Workshop						Near Rack Loading Area						Near Security gate					
	100	60	80	80	4000		100	60	80	80	4000	CO	PM 10	2.5	SO2	NOx	80	60	100	PM 10	2.5	SO2	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		PM 10	PM 10	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		76.4	76.4	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		42.3	73.9	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		43.1	74.7	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		36.2	54.7	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		29.9	50.1	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		33.4	52.5	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		35.7	53.2	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		42.6	63.5	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		43.20	70.03	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		41.1	68.4	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		44.6	71.9	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		41.1	70.1	70.1	41.1	9.8	17.4	359.5
AVG.	52.4	30.6	5.0	9.0	316.5		60.2	34.6	6.4	11.9	333.5		55.6	32.6	5.8	11.3		39.6	64.9	64.9	39.6	9.3	16.1	357.9

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
AVG.	62.9	53.1	63.1	54.3	63.5	55.0	67.1	56.8