BK BIRLA GROUP OF COMPANIES

MANGALAM CEMENT LTD.

MANGALAM CEMENT LTD.

Regd. A/D

MCL/Env.- 6(VII)/2025-2026/ 1783

23.05.2025

Director (Industry)
Ministry of Environment, Forest and Climate Change
Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj
New Delhi 110003

Sub.:-"Six monthly compliance report for the period from Oct 2024 to March 2025 of conditions of environmental clearance issued to M/s Mangalam Cement Ltd. for the expansion of Cement Plant (Clinker 4.06 MTPA to 5.30 MTPA, Cement – 6.10 MTPA to 9.0 MTPA, Power 35 to 52.5 MW) situated at Village: Morak, Dist: Kota (Rajasthan).

Ref.: Environment Clearance Letter No. - F NO. J - 11011 /30 /2007 - IA II (I) (Pt.), dtd 20.12.2016.

Dear Sir,

We are submitting herewith six-monthly compliance report for the period from Oct. 2024 to March 2025 of conditions of environmental clearance issued to M/s Mangalam Cement Ltd. for the expansion of Cement Plant (Clinker 4.06 MTPA to 5.30 MTPA, Cement – 6.10 MTPA to 9.0 MTPA, Power 35 to 52.5 MW) situated at Village: Morak, Distt: Kota (Rajasthan). Submitted for your kind information & records please.

Thanking you,
Yours faithfully,
For Mangalam Cement Ltd.

P. R. Chaudhary
Sr. Joint President (Operation) & FM

Cc to: **Regional Director,**
Integrated Regional Office,
Ministry of Env., Forest and Climate Change,
Integrated Regional Office, Jaipur , A-209 & 218,
Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area,
Jaipur – 304002, Rajasthan
Member Secretary,
Rajasthan Pollution Control Board,
4, Institutional Area,
Jhalana Doongri, Jaipur (Raj.)
Regional Director,
Central Pollution Central Board,
Zonal Office (Central),
3rd Floor, Sahakar Bhawan,
North T. T. Nagar, Bhopal-462003

Regd. Office & Works : P.O. Aditya Nagar-326520, Morak, Distt. Kota (Raj.) CIN : L26943RJ1976PLC001705, Telefax : 07459 - 232156
Website : www.mangalamcement.com, E-mail : email@mangalamcement.com
Kota Office : Shop No. 20, 80 Feet Road, Opp. Sukhdham Colony, (Near SBI Bank) Kota - 324001 (Rajasthan)
Delhi Office : 153, Leela Building (GF), Okhla Indl. Estate, Phase-III, New Delhi - 110020
Tel. No. : 011- 43539132, 43539133, 43539137 Fax : 011- 23421768
E-mail : delhi.purchase@mangalamcement.com, delhi.marketing@mangalamcement.com
Jaipur Office : 2nd Floor, Geejgarh Tower, Hawa-Sarak, Jaipur - 302 006 (Rajasthan)
Tel. : 0141 - 2218933, 2218931, E-mail : jaipur.marketing@mangalamcement.com

Mangalam Cement Ltd.

Name of the Project :- Expansion of Cement Plant Clinker 4.06 MTPA to 5.30 MTPA, Cement – 6.10 MTPA to 9.0 MTPA, Power 35 to 52.5 MW by Mangalam Cement Limited	**Project Code :-**
Clearance Letter No. : - F NO. J - 11011 /30 /2007 - IA II (I) (Pt.), dtd 20.12.2016	
Month of Compliance Report :- Oct. 2024 to March 2025	

S. No	Conditions	Compliance Status
A.	**SPECIFIC CONDITIONS:**	
i.	The Project proponent shall install 24x7 air monitoring devices to monitor air emissions, as provided by the CPCB and submit report to ministry and its regional office.	Company has installed Continuous Emission Monitoring system at all the major stacks for real time (24 X 7) emission monitoring, as per CPCB guidelines and data are being transmitted to CPCB & RSPCB server continuously. Day average of real time Continuous Emission Monitoring Reports are enclosed in **Annexure-I**.
ii	The Standards issued by the ministry vide G.S.R. No. 612(E) dated 25th August, 2014 and subsequent amendment date 9th May, 2016 and 10th May 2016 regarding cement plants with respect to particulate matter, SO2 and NOx shall be followed.	We are complying the standards issued by the ministry vide G.S.R. No. 612(E) dated 25th August, 2014 and subsequent amendment date 9th May, 2016 and 10th May 2016 regarding cement plants with respect to particulate matter, SO2 and NOx. Monitoring results of Cement Plants are given as below and details are attached in **Annexure- I (A).**

Unit-I

Stack No.	Details of Stack	Emission (mg/Nm³)	
		Norms	Avg. Emission
1	Kiln Main Stack	30	17.10
		100	8.13
		800	620.20
2	Clinker Cooler Stack	30	17.50
3	Cement Mill Stack	30	17.65
4	Vertical Coal Mill Stack	30	14.25

Unit-II

Stack No.	Details of Stack	Emission (mg/Nm³)	
		Norms	Avg. Emission
1	Kiln Main Stack	30	18.40
		100	34.05
		800	371.20
2	Clinker Cooler Stack	30	19.25
3	Cement Mill Stack	30	19.00
4	Coal Mill stack	30	16.70

Unit-III

Stack No.	Details of Stack	Emission (mg/Nm³)	
		Norms	Avg. Emission
1	Cement Mill Stack	30	12.20

<table>
<tr><td>iii</td><td>Prior clearance from the Standing Committee of the National Board for Wildlife shall be obtained due to location of the plant in the buffer zone of Darrah Wildlife Sanctuary, before commencing any expansion activity relating to the project at site. All the conditions stipulated by the Standing Committee shall be effectively implemented in the project. It shall be noted that this clearance does not necessarily implies that wildlife clearance shall be granted to the project and that your proposal for wildlife clearance shall be considered by the competent authorities on its merit and decision taken. The investment made in the project, if any based on environmental clearance granted to the project, in anticipation of the clearance from wildlife clearance shall be entirely at the cost and risk of the project proponent and ministry of Environment, Forest and Climate Change shall not be responsible in this regard, in any manner.</td><td>We have received clearance from National Board for Wildlife (NBWL) vide letter no. F()WLC/CWLW/2019/8463 dated 23.10.2020 and complying all the conditions stipulated by Standing Committee. Copy of NBWL Clearance letter has already been submitted to the Ministry vide our letter No. MCL/Env-6(IV)/2021-2022/310 dated 25.05.2021.</td></tr>
<tr><td>iv</td><td>The project proponent shall not draw ground water for the project.</td><td>Point noted and ensures that we are not drawing ground water for the project.</td></tr>
<tr><td>v</td><td>The standards issued by the Ministry vide S.O. 3305 (E) dated 07.12.2015 regarding thermal power plants shall be followed.</td><td>The standards issued by the Ministry vide S.O. 3305 (E) dated 07.12.2015 and its subsequent amendments regarding thermal power plants are being complied.
Monitoring results of Captive Power Plants are given as below and details are attached in Annexure- I (A).
<table>
<tr><th colspan="4">CPP-I</th></tr>
<tr><th rowspan="2">Stack No.</th><th rowspan="2">Details of Stack</th><th colspan="2">Emission (mg/Nm^3)</th></tr>
<tr><th>Norms</th><th>Avg. Emission</th></tr>
<tr><td rowspan="3">1</td><td rowspan="3">Main Stack Power plant - I</td><td>50</td><td>37.50</td></tr>
<tr><td>600</td><td>430.50</td></tr>
<tr><td>450</td><td>285.50</td></tr>
<tr><th colspan="4">CPP-II</th></tr>
<tr><th rowspan="2">Stack No.</th><th rowspan="2">Details of Stack</th><th colspan="2">Emission (mg/Nm^3)</th></tr>
<tr><th>Norms</th><th>Avg. Emission</th></tr>
<tr><td rowspan="3">1</td><td rowspan="3">Main Stack Power plant - II</td><td>50</td><td>36.40</td></tr>
<tr><td>600</td><td>345.60</td></tr>
<tr><td>450</td><td>250.30</td></tr>
</table></td></tr>
</table>

<table>
<tr><td>vi</td><td>Two High Volume Samplers should be installed at the boundary of the wild life sanctuary suitably to continuously monitor the parameters and maintain records. These records shall be submitted along with the 6 monthly compliance report to the Ministry's Regional Office.</td><td>We are continuously monitored parameters on two locations at the boundary of the wildlife sanctuary through High Volume Samplers on quarterly basis and same are being sent to Ministry's Regional Office with six monthly compliance report. Monitoring Reports are enclosed in Annexure-II.</td></tr>
<tr><td>vii</td><td>Continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), bag house, bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm3 and installing energy efficient technology.</td><td>We have provided efficient Air Pollution Control Devices at all the stacks to keep the emission under the prescribed norms and to monitor real time emission level we have installed Continuous Emission Monitoring facilities at all the major stacks and real time data from these CEMS analyzers are being transmitted to CPCB & RSPCB server. Status reports of APCM & CEMS Installation along with Measured Emission Values of major stacks are given in Annexure-I (A).</td></tr>
<tr><td>viii</td><td>The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 shall be followed.</td><td>We are following National Ambient Air Quality Standard issued by Ministry of Environmental and Forest vide GSR 826(E) of 16th November-2009. Copy is enclosed in Annexure – I(B).
<table>
<tr><th colspan="7">Mangalam Cement Ltd.</th></tr>
<tr><th colspan="7">Ambient Air Quality Monitoring Results</th></tr>
<tr><th rowspan="2">SN</th><th rowspan="2">Location → Parameters ↓</th><th rowspan="2">Norms (µg/m3)</th><th>Near Railway Gate</th><th>Near Security Gate</th><th>Near Rack Loading Area</th><th>Near Work Shop</th></tr>
<tr><th colspan="5">Avg.</th></tr>
<tr><td>1</td><td>PM10</td><td>100</td><td>67.05</td><td>75.55</td><td>67.95</td><td>72.15</td></tr>
<tr><td>2</td><td>PM2.5</td><td>60</td><td>34.40</td><td>33.85</td><td>35.35</td><td>35.00</td></tr>
<tr><td>3</td><td>SO_2</td><td>80</td><td>10.81</td><td>11.58</td><td>10.04</td><td>11.56</td></tr>
<tr><td>4</td><td>NOx</td><td>80</td><td>17.08</td><td>18.36</td><td>16.47</td><td>19.09</td></tr>
<tr><td>5</td><td>CO</td><td>4000</td><td>00.59</td><td>00.66</td><td>00.57</td><td>00.68</td></tr>
</table></td></tr>
<tr><td>ix</td><td>A statement on carbon budgeting including the quantum of equivalent CO2 being emitted by the existing plant operations, the amount of carbon sequestered annually by the existing green belt and the proposed green belt and the quantum of equivalent CO2 that will be emitted due to the proposed expansion shall be prepared by the project proponent and submitted to the Ministry and the Regional Office of the Ministry. This shall be prepared every year by the project proponent. The first such budget shall be prepared within a period of 6 months and subsequently it should be prepared every year.</td><td>Carbon Budgeting report of FY 2024-2025 is under process. After Completion, we will submit in your good office.</td></tr>
<tr><td>x</td><td>For the employees working in high temperature zones falling in the plant operation areas, the total shift duration</td><td>Point noted and complying. We have provided proper protective equipment's, garments etc to all personnel involved in hot work. And provide</td></tr>
</table>

	would be 4 hrs or less per day where the temperature is more than 50 deg C. Moreover, the jobs of these employees will be alternated in such a way that no employee is subjected to working in high temperature area for more than 1 hr continuously. Such employees would be invariably provided with proper protective equipments, garments and gear such as head gear, clothing, gloves, eye protection etc. There should also be an arrangement for sufficient drinking water at site to prevent dehydration etc.	proper arrangement for sufficient drinking water at site to prevent dehydration etc.
xi	Vehicular pollution due to transportation of raw material shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material.	We have installed closed conveyor belts with efficient bag filters to minimize the internal vehicular movement of raw materials. Paved/ concrete roads have been provided for all vehicular movement. No vehicle is allowed inside the plant without PUC certificate. Proper arrangements have also been made to control dust emissions during loading and unloading of raw materials. Fugitive emission monitoring results of our plants are attached in **Annexure- I (D).**
xii	'Zero' effluent discharge shall be strictly followed and no wastewater shall be discharged outside the premises.	We are maintaining the "Zero" effluent discharge strictly and no waste water is being discharged.
xiii	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under Environment (Protection) Act, 1986.	Domestic Sewage & industrial effluent from thermal power plants is being treated in our own STP & neutralization pit respectively to meet the prescribed norms. Regular monitoring of treated sewage & treated industrial effluent from thermal power plants is being conducted through MoEF&CC approved external laboratory.
xiv	Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition, end use of solid/ hazardous waste shall be submitted to the Ministry's Regional Office, SPCB and CPCB.	We have facility for proper handling, storage, utilization and disposal of hazardous & other wastes and details of hazardous & other wastes are being submitted to SPCB in Form-IV. Copies of the same are enclosed herewith as **Annexure-III.**
xv	A time bound action plan shall be submitted to reduce solid waste generated due to the project related activities, its proper utilization and disposal.	No solid waste is generated from our cement plant however fly ash generated from our captive thermal power plants is being 100% utilized in cement manufacturing.
xvi	A Risk and Disaster Management Plan shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.	We have prepared and submitted detailed Risk and Disaster Management Plan to the Ministry's Regional Office- Lucknow, CPCB- New Delhi and RSPCB Jaipur vide our letter no. MCL/Env-95/2016-17/7006 dated 15.03.2017.

xvii	Green belt shall be developed in at least 33% of the project area by planting native and broad leaved species in consultation with local DFO and local communities as per CPCB guidelines. 10 to 15 m wide green belt should be developed all along the boundary of the site and both the side of the road.	Green belt development is our ongoing process and we have planted **133429 numbers** of plant saplings in & around the plant premises and developed more than 33 % green belt area, as per the CPCB guidelines. Year wise details of plantation are given in **Annexure- IV**.
xviii	All the commitments made to the public during Public Hearing/ Public consultation meeting shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	We are implementing all the commitments made to the public during Public Hearing/ Public consultation.
xix	At least 2.5% of the total cost of project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues, locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a Committee comprising of the proponent, representatives of village Panchyat and District Administration. 'Action taken report in this regard shall be submitted to the Ministry's Regional Office.	We are implementing all the commitments made to the public during Public Hearing/ Public consultation.
xx	The proponent shall prepare a detailed CSR plan for every year for the next 5 years for the existing cum expansion project, which includes village wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and Infrastructure requirements such as strengthening of village roads, avenue plantation, etc.) activities in consultation with local communities and administration. The CSR plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provided for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created & the annual capital & revenue expenditure on various activities of the plan shall be submitted as part of the Compliance Report to RO. The details of the CSR plan shall be uploaded on the company website & shall be provided in the Annual Report of the company.	We are following the conditions as per guidelines. CSR Report for the period from **April 2024 to March 2025** is attached in **Annexure-V.**

xxi	The Company shall submit within three months their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/ procedure to being into focus any infringement/deviation/ violation of environmental or forest norms/ conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non-compliance/ violation environmental norms to the Board of Directors of the company and/ or stakeholders or shareholders.	We have submitted company's Policy for Environment Management System certified by BIS and under this system, we have proper company policy focusing on continual improvement in the field of Environment including prevention of pollution, conservation of natural resources etc. vide our letter no. MCL/ ENV-95/ 2016-17/ dated 11.03.2017.
xxii	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, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Point noted. It is a brown field project and we have our own township, where all necessary facilities such as fuel for cooking, toilets, STP, safe drinking water, medical health care, creche etc. are available.
xxiii	The project proponent shall provide for solar light system for all common areas, street lights, village, parking around project area and maintain the same regularly.	Point noted & complying in phase manner. We have installed solar light in mine's magazine area & solar geysers at guest house & bachelor's hostel.
xxiv	The project proponent shall provide for LED lights in their offices and residential areas.	We have replaced more than 6000 numbers of LED lights in our plant, residential areas, streetlight, parking areas etc.

<table>
<tr><td>B.</td><td><u>GENERAL CONDITIONS:</u></td><td></td></tr>
<tr><td>i</td><td>The project authorities must strictly adhere to the stipulations made by the Rajasthan Pollution Control Board and the State Govt.</td><td>We are strictly complying the stipulations made by the Rajasthan State Pollution Control Board and the State Government.</td></tr>
<tr><td>ii</td><td>No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).</td><td>For expansion or modification of the plant we will take prior approval of the Ministry, if any.</td></tr>
<tr><td>iii</td><td>At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Lucknow and the SPCB/CPCB once in six months.</td><td>Four ambient air qualities – monitoring stations are provided at the periphery of our factory premises for the monitoring of ambient air quality. The locations of these stations were decided in consultation with RO Kota. We are submitting data on ambient air quality and stack emissions to Regional office at Lucknow and RPCB, CPCB once in six months.
<table>
<tr><td colspan="7">Mangalam Cement Ltd.</td></tr>
<tr><td colspan="7">Ambient Air Quality Monitoring Results</td></tr>
<tr><td rowspan="2">SN</td><td rowspan="2">Location → Parameters ↓</td><td rowspan="2">Norms (µg/m3)</td><td rowspan="2">Near Railway Gate</td><td rowspan="2">Near Security Gate</td><td rowspan="2">Near Rack Loading Area</td><td rowspan="2">Near Work Shop</td></tr>
<tr></tr>
<tr><td></td><td></td><td colspan="5">Avg.</td></tr>
<tr><td>1</td><td>PM10</td><td>100</td><td>67.05</td><td>75.55</td><td>67.95</td><td>72.15</td></tr>
<tr><td>2</td><td>PM2.5</td><td>60</td><td>34.40</td><td>33.85</td><td>35.35</td><td>35.00</td></tr>
<tr><td>3</td><td>SO_2</td><td>80</td><td>10.81</td><td>11.58</td><td>10.04</td><td>11.56</td></tr>
<tr><td>4</td><td>NOx</td><td>80</td><td>17.08</td><td>18.36</td><td>16.47</td><td>19.09</td></tr>
<tr><td>5</td><td>CO</td><td>4000</td><td>00.59</td><td>00.66</td><td>00.57</td><td>00.68</td></tr>
</table></td></tr>
<tr><td>iv</td><td>Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.</td><td>Industrial waste water is being collected and treated as per GSR 422 (E) dtd. 19th May 1993 guidelines and used for plantation purpose after treatment.</td></tr>
<tr><td>v</td><td>The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).</td><td>Noise is being checked on regularly basis as per standard& limited within the prescribed standards. Copy is enclosed herewith in Annexure – I(C).
<table>
<tr><td colspan="4">Results of Noise</td></tr>
<tr><td rowspan="2">Sr. No.</td><td rowspan="2">Location</td><td colspan="2">Ambient Air Noise Results (dB)</td></tr>
<tr><td>Day Avg.</td><td>Night Avg.</td></tr>
<tr><td>1</td><td>Near Security Gate</td><td>63.05</td><td>52.85</td></tr>
<tr><td>2</td><td>Near Railway Gate</td><td>63.80</td><td>51.85</td></tr>
<tr><td>3</td><td>Near Rack Loading Area</td><td>65.25</td><td>48.55</td></tr>
<tr><td>4</td><td>Near Work Shop</td><td>63.75</td><td>53.40</td></tr>
</table></td></tr>
</table>

<table>
<tr><td>vi</td><td>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factory Act.</td><td>We are maintaining Occupational health checkup of the workers regular basis as per the factories act. Report is enclosed herewith in Annexure – VI.</td></tr>
<tr><td>vii</td><td>The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</td><td>We have developed rainwater harvesting system at our plant buildings.
<u>Rain water Harvesting</u>
 
<table><tr><th colspan="3">Mangalam Cement Ltd.</th></tr><tr><th colspan="3">Details Of water Harvesting</th></tr><tr><th>S. No.</th><th>Location</th><th>Roof Area (m^2)</th></tr><tr><td>1.</td><td>Engineering Building</td><td>725</td></tr><tr><td>2.</td><td>Load Center Building</td><td>1458</td></tr><tr><td>3.</td><td>Store Building</td><td>1620</td></tr><tr><td>4.</td><td>Captive Power Plant-I</td><td>1200</td></tr></table></td></tr>
<tr><td>viii</td><td>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.</td><td>Earmarked capital for environmental projects will be used exclusively for its implementations as maintained in EIA / EMP Reports. We shall implement this condition as per Enterprise Social Commitment scheme. CSR Report for the period from Oct. 2024 to March 2025 is attached in Annexure-V.</td></tr>
<tr><td>ix</td><td>Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Lucknow. The funds so provided shall not be diverted for any other purpose.</td><td>We agree the condition and complying. Environmental expenditure incurred during the period from Oct 2024 to March 2025 for environment protection measures is given below.
<table><tr><th colspan="3">Mangalam Cement Ltd</th></tr><tr><th colspan="3">Environmental expenditure incurred during the period from – Oct 2024 to March 2025 for environment protection measures.</th></tr><tr><th>S. No.</th><th>Department</th><th>Total Cost (In Rs.)</th></tr><tr><td>1.</td><td>Total Expenditures</td><td>108764466.20</td></tr></table></td></tr>
</table>

x	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	We have put the clearance letter on the website of the company.
xi	The project proponent shall upload the status of compliance of stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEFCC at Lucknow. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We are uploading every six monthly report of plant monitoring results and compliance report of Environmental clearance condition time to time at our web site and same data are being send to the RO, Lucknow, CPCB, RPCB and Zonal office.
xii	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of this Ministry at Lucknow/ CPCB/SPCB shall monitor the stipulated conditions.	The resulting monitoring data are being submitted, six monthly reports in the month of June and Dec. every year and same copy being sent to the Regional office Lucknow, RPCB and Central Pollution Control Board.
xiii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MoEFCC at Lucknow by e-mail.	We are submitting Environmental Statement before 30th September in every year and same data available at web site and one copy being sent by e-mail to the Regional office of the MoEF at Lucknow.

xiv	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be sent at website of the Ministry of Environment, Forest and Climate Change (MoEFCC) at http:/envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.	We had advertised information of Environmental clearance letter in two local newspapers in local language of the locality concerned and same copy sent to the Rajasthan Pollution Control Board, Jaipur and the Regional office at Lucknow.
xv	Project authorities 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 and date of commencing the land development work.	We will inform the regional office as well as to the ministry the date of financial closure and final approval of the project.

Annexure – I

Mangalam Cement ltd. Morak , Kota (Rajasthan)

Day Average Report of Continuous Emission Monitoring System for the Month of October 2024

(All value in mg/Nm3)

Dated	Unit -I						Unit -II						Unit -III		CPP -I		CPP -II		
	Kiln -I (PM)	Kiln -I (NOx)	Kiln - I (SO2)	Cooler -I (PM)	Cement Mill -I (PM)	Coal Mill -I (PM)	Kiln - II (PM)	Kiln -II (NOx)	Kiln - II (SO2)	Cooler - II (PM)	Cement Mill -II (PM)	Coal Mill -II (PM)	Cement Mill -III (PM)	Nox	SO2	PM	Nox	SO2	PM
01-10-2024	23.54	679.85	19.65	26.13	13.24	11.02	19.2	664.94	49.13	17.16	13.67	23.42	5.27	4.05	4.42	0	395.51	167.02	41.47
02-10-2024	22.63	662.7	19.36	23.17	6.89	15.36	19.11	651.46	28.08	17.15	13.38	20.43	14.82	4.05	4.37	0	327.96	131.96	37.22
03-10-2024	19.49	593.15	9.45	23.55	0.05	15.2	19.04	649.37	31.35	16.99	12.63	17.17	22.35	4.05	4.39	0	343.28	137.37	37.36
04-10-2024	20.02	581.44	20.35	23.3	13.79	14.45	19.01	667.92	27.62	17.05	13.42	20.14	13.86	4.05	4.38	0	326.3	170.1	37.09
05-10-2024	21.27	618.96	26.14	22.84	13.22	14.35	19.03	676.77	23.64	17.03	0.25	20.02	17.19	4.05	4.31	0	331.5	171.43	37.1
06-10-2024	21.31	638.99	44.77	22.25	13.87	13.81	19.09	663.6	32.02	17.08	8.91	19.41	21.92	4.05	4.3	0	344.58	154.16	36.06
07-10-2024	20.96	554.28	30.53	22.19	13.25	15.17	18.98	664.73	32.86	16.97	12.62	20.89	8.58	4.04	4.21	0	352.57	154.94	37.16
08-10-2024	21.12	568.69	26.84	22.31	2.93	15.63	19.18	613.62	40.83	17.21	9.96	16.14	5.88	3.99	4.18	0	338.55	124.8	35.33
09-10-2024	20	609.99	30.11	22.07	11.47	14.85	19.12	612.05	35.67	17.06	13.78	20.75	20.46	4.01	4.2	0	345.18	145.52	37.32
10-10-2024	21.31	547.27	23.73	22.01	8.78	12.52	19.18	475.97	23.34	17.14	13.93	17.26	19.53	4.04	4.19	0	340.72	145.25	36.65
11-10-2024	20.82	518.88	10.15	18.54	14.32	17.43	21.66	546.5	20.63	17.66	11.4	25.79	23.23	4.05	4.18	0	412.6	205.1	40.28
12-10-2024	22.47	568.18	46.33	22.38	13.87	14.22	19.12	619.98	37.26	17.11	11.11	17.68	9.06	10.66	13.53	0	318.53	127.18	36.84
13-10-2024	24.25	585.63	27.31	22.41	13.84	13.44	19.02	611.43	29.8	16.96	11.76	18.81	17.08	4.05	4.2	0	321	133.48	38.54
14-10-2024	23.6	524.04	29.39	22.48	5.99	14.27	18.97	643.17	24.9	16.92	6.16	18.53	21.15	4.05	4.18	0	325.1	104.87	36.51
15-10-2024	20.58	494.82	4.62	22.41	9.22	15.34	19.13	619.56	23.59	17.12	0	20.88	2.96	4.03	4.18	0	325.01	113.19	36.69
16-10-2024	22.21	542.7	8.9	21.95	0.01	14.4	19.65	635.83	23.46	17.62	0	16.58	11.48	4.05	4.19	0	310.43	50.89	33.3
17-10-2024	23.65	644.04	27.25	21.81	6.81	15.95	20.56	668.94	25.77	18.54	5.78	22.41	20.22	6.57	5.1	7.4	321.94	90.06	39.77
18-10-2024	23.4	680.32	23.78	22.22	13.91	14.03	19.16	632.2	29.97	17.12	1.33	21	21.31	293.95	116.57	24.46	13.85	6.05	2.77
19-10-2024	20.73	527.36	8.27	22.01	11.96	13.9	19.15	672.91	33.06	17.08	9.09	20.49	21.12	274.85	145.16	25.16	2.2	2.95	0.1
20-10-2024	20.34	506.35	8.05	21.9	10.47	16.28	20.63	665.84	36.08	18.29	13.66	23.99	21.17	249.06	125.4	18.91	2.26	2.94	0.1
21-10-2024	7.49	523.58	10.81	22.31	13.63	17.02	20.66	691.13	38.32	18.6	13.13	22.45	22.4	328.18	158.92	24.43	2.29	2.95	0.1
22-10-2024	20.64	518.63	8.12	22.15	2.68	15.17	18.93	666.24	34.81	16.92	13.26	17.04	21.09	268.91	161.96	24.97	2.26	2.95	0.1
23-10-2024	21.68	538.35	8.08	21.88	10.77	14.58	19.02	647.59	32.86	16.94	13.66	21.02	20.78	265.33	168.18	24.09	2.26	2.95	0.1
24-10-2024	20.16	529.58	8	22.23	8.43	14.6	18.98	657.85	29.39	17.08	12.78	17.11	19.04	271.26	176.73	25.37	2.22	2.92	0.1
25-10-2024	22.38	664.79	10.47	22.17	10.38	16.85	18.99	550.72	25.57	16.91	8.33	20.89	20.42	266.27	185.96	29.8	2.24	2.92	0.1
26-10-2024	24.48	708.23	43.49	22.36	5.33	17.76	18.96	297.48	29.79	16.92	1.83	10.6	16.51	263.67	136.81	28.92	7.17	10.11	0.1
27-10-2024	24.19	694.47	19.69	22.57	13.73	12.74	18.86	369.76	26.07	16.91	13.11	11.48	16.6	285.54	191.91	29.95	2.18	2.84	0.1
28-10-2024	21.5	700.66	8.85	22.48	11.32	11	19.03	588.61	30.59	16.98	12.38	13.3	20.76	275.79	194.36	31.09	2.19	2.88	0.1
29-10-2024	20.92	710.21	8.08	22.16	9.08	12.2	16.49	108.6	27.67	14.26	13.9	10.33	20.8	276.52	188.5	31.13	2.2	2.9	0.1
30-10-2024	23.62	709.49	8.65	22.16	13.91	11.39	16.17	6.06	11.46	9.07	12.34	0.04	19.81	274.84	176.35	30.41	2.21	2.92	0.1
31-10-2024	22.78	712.97	10.05	22.08	2.69	10.88	19.02	455.14	12.63	17.08	9.78	11.38	20.65	276.85	180.67	28.11	2.23	2.91	0.1

Mangalam Cement ltd. Morak , Kota (Rajasthan)

Day Average Report of Continuous Emission Monitoring System for the Month of November 2024

(All value in mg/Nm3)

Dated	Unit -I						Unit -II						Unit -III	CPP -I			CPP -II		
	Kiln -I (PM)	Kiln -I (NOx)	Kiln -I (SO2)	Cooler -I (PM)	Cement Mill -I (PM)	Coal Mill -I (PM)	Kiln -II (PM)	Kiln -II (NOx)	Kiln -II (SO2)	Cooler -II (PM)	Cement Mill -II (PM)	Coal Mill -II (PM)	Cement Mill -III (PM)	Nox	SO2	PM	Nox	SO2	PM
01-11-2024	21.02	691.37	11.14	17.11	0.02	14.19	19.24	601.24	27.84	15.36	0	25.75	0.36	287.99	210.75	34.02	2.29	2.95	0.1
02-11-2024	20.42	720	8.08	22.74	0.02	10.09	19.08	635.59	30.43	17.1	0	18.35	0.31	253.19	165.27	27.78	2.23	2.89	0.1
03-11-2024	22.78	723.07	8.09	23.03	0.02	5.57	19.07	635.55	40.25	17.03	0	18.66	0.27	265.99	142.11	28.5	2.23	2.9	0.1
04-11-2024	23.7	720.79	8.04	22.95	5.75	9.33	19.06	645.09	38	17.07	8.01	15.73	8.78	268.45	182.2	29.54	2.21	2.88	0.1
05-11-2024	22.5	720.58	8.1	17.66	13.09	9.22	19.16	646.03	32.81	17.08	5.03	20.93	5.32	274.36	177.31	28.9	2.2	2.85	0.1
06-11-2024	20.23	715.42	8.02	8.51	0.01	9.63	19.12	648.46	33.66	17.12	1.86	15.47	20.41	276.82	185.33	28.47	2.23	2.9	0.1
07-11-2024	19.06	716.16	7.97	9.42	4.92	6.35	19.02	657.64	35.38	17.08	13.91	17.78	19.86	297.74	198.2	30.1	2.18	2.85	0.1
08-11-2024	15.79	717.29	7.99	10.89	9.38	11.15	19.03	630.19	42.79	14.42	11.52	18.26	3.47	310.74	158.69	28.23	2.18	2.87	0.1
09-11-2024	18.75	705.2	29.61	12.24	5.35	8.97	19.4	603.18	54.3	13.43	12.51	17.86	18.78	304.46	232.43	26.54	6.03	8.37	0.1
10-11-2024	19.61	699.39	4.62	14.69	4.04	5.81	20.53	245.77	33.87	22.08	14.01	2.68	10.89	296.02	344.78	27.24	2.2	2.89	0.1
11-11-2024	22.57	0.47	4.59	11.94	7.72	0	20.13	0	1.31	0	0	14.81	9.89	312.14	373.1	28.64	2.12	2.95	0.1
12-11-2024	18.56	593.98	4.73	15.85	0.73	4.72	20.5	0	3	0	4.89	10.35	1.31	272.78	381.21	30.08	2.18	2.84	0.1
13-11-2024	21.04	670.33	6.14	13.9	2.78	5.7	20.62	3.11	3.08	3.88	18.57	0.02	10.92	307.32	415.91	28.88	2.19	2.87	0.1
14-11-2024	21.89	653.04	10.87	13.97	8.4	5.7	20.52	501.35	15.02	22.1	18.31	10.16	10.95	297.73	376.66	31.26	2.14	2.8	0.1
15-11-2024	19.87	688.79	17.05	13.23	4.61	5.75	20.52	641.11	46.28	22.04	10.07	15.02	3.22	296.78	339.05	26.49	2.16	2.82	0.1
16-11-2024	21.14	664.48	16.99	13.51	4.49	5.78	20.46	642.14	52.63	22.01	0	15.09	8.71	331.15	275.29	33.68	2.12	2.73	0.09
17-11-2024	20.26	683.03	17	13.33	4.78	5.93	20.54	645.55	49.64	22.07	19.02	13.53	11.33	318.41	229.67	31.17	2.12	2.72	0.09
18-11-2024	20.75	681.35	16.89	13.39	5.64	5.85	20.5	585.63	49.66	21.76	5.79	14.11	9.67	332.48	232.82	33.83	2.12	2.73	0.1
19-11-2024	18.27	553.76	17.5	13.89	2.7	2.33	23.88	636.43	35.51	22.57	13.34	11.98	3.65	333.67	246.51	32.56	2.12	2.71	0.1
20-11-2024	21.35	688.5	16.97	14.4	5.22	6.84	23.73	491.85	37.11	24.53	6.78	11.04	3.29	337.17	105.51	31.14	2.14	2.73	0.09
21-11-2024	24.64	658.47	18.01	20.11	0	0	18.62	723.69	47.49	25.77	21.45	16.3	10.87	385.99	183.97	26.93	2.12	2.7	0.1
22-11-2024	20.14	663.85	16.42	19.49	17.22	0.69	20.63	642.9	43.37	26.84	22.27	14.83	9.84	359.62	253.89	26.79	2.12	2.7	0.09
23-11-2024	20.55	665.81	29.03	19.64	16.81	0	20.48	646.94	44.25	26.76	21.07	14	6.24	343.19	230.05	28.14	5.27	7.13	0.09
24-11-2024	21.13	678.48	17.13	20.81	6.82	3.54	20.46	661.67	31.2	26.8	22.29	16.04	6.77	356.74	176.71	28.75	2.12	2.7	0.09
25-11-2024	19.28	685.9	17.07	19.58	10.76	9.16	20.49	670.88	36.78	26.74	6.55	15.85	5.74	344.39	96.21	31.52	2.12	2.7	0.09
26-11-2024	21.34	609.9	13.28	19.71	17.24	8.72	20.5	664.98	26.49	26.75	4.72	12.23	0.25	349.95	98.99	34.42	2.12	2.7	0.09
27-11-2024	21.68	565.29	11.71	19.82	2.31	7.96	20.59	669.02	16.72	26.82	22.2	11.67	8.45	312.55	269.51	32.65	2.13	2.71	0.09
28-11-2024	21.57	620.88	11.19	19.11	17.09	6.44	20.47	659.86	12.81	26.68	22.23	14.78	10.74	339.08	287.27	33.07	2.12	2.7	0.08
29-11-2024	18.78	661.95	9.65	15.57	14.63	8.82	20.49	572.31	8.91	26.72	22.18	11.63	11.93	362.31	300.27	35.5	1.84	2.35	0.09
30-11-2024	18.47	635.58	8.54	14.47	3.78	9.01	20.49	532.63	9.93	26.73	22.22	13.22	9.78	297.62	342.42	37.65	0.91	1.16	0.08

Mangalam Cement ltd. Morak , Kota (Rajasthan)

Day Average Report of Continuous Emission Monitoring System for the Month of December 2024

(All value in mg/Nm3)

Dated	Unit -I						Unit -II						Unit -III		CPP -I			CPP -II	
	Kiln - I (PM)	Kiln -I (NOx)	Kiln - I (SO2)	Cooler -I (PM)	Cement Mill -I (PM)	Coal Mill -I (PM)	Kiln - II (PM)	Kiln -II (NOx)	Kiln - II (SO2)	Cooler - II (PM)	Cement Mill -II (PM)	Coal Mill -II (PM)	Cement Mill -III (PM)	Nox	SO2	PM	Nox	SO2	PM
01-12-2024	13.92	597.7	7.06	12.71	18.52	0	21.75	198.44	4.49	27.64	24.38	14.64	13.96	271.64	250.83	37.71	0.92	1.18	0.08
02-12-2024	18	656.66	8.53	14.35	15.79	8.52	17.13	90	6.9	20.32	21.93	2.24	12.37	279.01	365.44	38.02	0.89	1.14	0.08
03-12-2024	17.23	682.62	8.52	14.9	7.61	9.14	4.11	9.46	2.82	0	1.8	0.01	10.13	264.64	269.97	33.58	0.89	1.14	0.08
04-12-2024	16.69	669.95	8.57	17.55	10.04	9.06	0.01	0	1.46	0.6	15.73	0.01	10.36	259.44	316.4	34.97	0.91	1.16	0.08
05-12-2024	19.28	654.51	8.47	15.85	17.37	9.11	7.19	35.04	1.3	5.43	22.24	1.01	9.93	247.14	307.35	36.18	0.92	1.18	0.09
06-12-2024	20.12	610.23	8.57	14.63	17.26	8.15	14.53	355.18	2.95	14.21	16.96	13.1	5.15	244.75	351.9	35.78	0.92	1.19	0.09
07-12-2024	20.41	534.26	8.52	15.4	17.22	8.68	17.41	487.23	15.32	16.72	22.27	11.55	9.01	308.6	343.53	37.34	0.88	1.12	0.08
08-12-2024	21.65	602.94	8.56	14.21	14.99	12.13	17.56	519.45	16.45	16.75	18.84	14.39	11.9	359.56	350.41	35.79	0.85	1.08	0.08
09-12-2024	20.35	584.1	8.5	14.46	16.77	11.23	17.48	480.63	3.73	16.72	22.28	12.69	12.01	358.91	412.23	35.74	0.85	1.08	0.09
10-12-2024	17.63	621.92	8.51	13.18	17.28	8.59	17.51	519.73	7.69	16.78	16.82	11.65	12.16	360.97	414.54	37.68	0.85	1.08	0.08
11-12-2024	16.17	595.72	8.91	14.29	18.13	13.51	18.73	621.14	2.87	17.61	21.18	16.39	10.88	337.84	146.2	38.63	0.85	1.08	0.08
12-12-2024	15.6	605.51	8.43	13.33	17.13	7.73	17.64	522.28	4.28	16.63	22.01	9.36	12.45	343.86	370.17	36.04	0.85	1.08	0.08
13-12-2024	16.86	632.66	8.52	14.14	17.23	7.07	17.49	288.26	4.54	16.73	21.01	7.92	12.25	339.99	348.32	35.46	0.85	1.07	0.08
14-12-2024	15.92	626.69	8.18	14.07	17.3	8.15	17.54	381.61	3.3	16.75	22.18	9.41	11.99	337.6	269.98	36.62	2.77	4.03	0.08
15-12-2024	17.3	630.74	6.58	13.48	14.17	7.46	17.51	459.25	4.52	16.74	21.84	13.83	12.46	324.46	151.13	36.24	0.85	1.06	0.08
16-12-2024	16.79	661.95	9.24	14.3	15.32	8.89	17.55	478.44	4.74	16.78	19.88	10.85	12.64	332.74	128.89	37.4	0.85	1.06	0.08
17-12-2024	17.9	594.35	9.76	13.57	13.08	9.8	17.51	453.44	4.95	16.76	22.2	10.38	12.51	320.39	99.45	37.17	0.85	1.08	0.08
18-12-2024	16.46	589.24	8.61	13.8	6.1	9.25	17.43	414.08	4.56	16.68	17.56	9.85	12.75	310.35	187.75	36.08	0.85	1.08	0.08
19-12-2024	17.45	577.98	7.28	13.61	17.74	9.14	17.48	396.21	4.57	16.71	17.01	10.85	12.77	301.87	354.3	35.42	0.85	1.08	0.08
20-12-2024	17.93	541.46	7.41	13.99	17.9	9.8	17.43	409.76	4.68	16.68	21.7	12.73	9.22	296.85	360.76	36.16	0.85	1.08	0.08
21-12-2024	16.05	109.13	7.47	12.56	17.74	0	18.27	447.26	1.44	17.29	21.74	15.45	13.33	107.86	5.01	34.8	0.85	1.08	0.08
22-12-2024	16.43	617.29	7.7	13.94	17.94	9.16	17.49	404.27	4.5	16.76	22.26	11.45	12.46	262.52	306.11	36.94	0.87	1.1	0.08
23-12-2024	18.42	594.25	7.05	13.52	18.27	9.01	17.46	420.08	9.9	16.7	22.24	10.69	12.85	317.39	420.35	35.97	0.86	1.09	0.08
24-12-2024	18.89	596.01	7.71	14.15	18.25	9.8	17.54	380.06	12.8	16.77	22.27	12.19	12.46	316.02	323.58	36.31	0.89	1.12	0.09
25-12-2024	17.74	592.9	8.57	13.71	18.32	9.99	17.57	366.38	13.82	16.77	22.29	12.67	12.67	337.73	164.15	36.01	0.89	1.12	0.09
26-12-2024	17.29	586.4	8.34	13.15	18.25	9.73	17.56	436.75	10.49	16.78	17.72	11.41	12.63	379.28	252.94	39.09	0.87	1.1	0.09
27-12-2024	17.15	594.9	7.92	13.45	18.24	8.54	17.52	429.3	10.91	16.75	20.25	10.96	12.16	370.48	278.51	37.07	0.89	1.12	0.09
28-12-2024	15.85	667.65	10.33	13.52	16.19	8.89	17.53	444.73	13.22	16.76	20.62	11.78	12.84	288.96	387.84	35.18	1.99	2.53	0.09
29-12-2024	15.22	615.92	9.17	15.53	18.29	7.58	17.56	289.93	7.66	16.77	19.36	8.56	12.55	255.82	333.04	36.79	0.85	1.08	0.1
30-12-2024	15.16	599.66	6.92	14.31	18.31	9.35	13.63	0	4.07	6.46	22.32	0.02	11.08	265.51	304.87	37.63	0.85	1.08	0.09
31-12-2024	15.14	675.5	7.83	12.76	17.5	9.19	13.14	228.16	13.65	16.79	22.26	7.34	9.4	246.78	236.77	36.03	0.85	1.08	0.08

Mangalam Cement ltd. Morak , Kota (Rajasthan)

Day Average Report of Continuous Emission Monitoring System for the Month of January 2025

(All value in mg/Nm3)

Dated	Unit -I						Unit -II						Unit -III	CPP -I			CPP -II		
	Kiln - I (PM)	Kiln -I (NOx)	Kiln - I (SO2)	Cooler - I (PM)	Cement Mill -I (PM)	Coal Mill -I (PM)	Kiln - II (PM)	Kiln -II (NOx)	Kiln - II (SO2)	Cooler - II (PM)	Cement Mill -II (PM)	Coal Mill -II (PM)	Cement Mill -III (PM)	Nox	SO2	PM	Nox	SO2	PM
01-01-2025	11.94	201.63	31.77	19.71	19.2	0	17.23	646.3	18.01	25.01	0	22.31	19.52	298.64	226.07	37.57	0.85	1.08	0.08
02-01-2025	20.98	663.37	32.25	14.61	2.04	10.33	19.09	600.88	16	21.07	0	22.25	7.12	251.64	177.69	37.36	0.84	1	0.08
03-01-2025	19.86	535.23	31.82	14.17	0	7.27	17.87	426.52	15.9	20.96	10.57	16.39	7.56	254.35	149.39	37.03	0.83	1	0.08
04-01-2025	14.27	9.99	20.44	7.82	9.11	0	19.07	583.7	19.4	21.08	13.53	17.32	12.75	266.39	235.75	38.22	0.85	1.06	0.08
05-01-2025	0.01	1.1	0	0	18.45	0	18.99	582.42	18.31	20.88	1.9	20.69	5.92	289.3	189.15	36.77	0.85	1.08	0.08
06-01-2025	0.01	0.23	0.09	0	18.63	0	19.07	566.05	15.13	21.02	18.4	20.44	0.3	297.91	259.11	36.78	0.85	1.08	0.08
07-01-2025	0.01	0.23	0.25	0	18.18	0	18.97	464.39	19.27	20.91	14.78	15.41	0.36	271.13	312.51	37.43	0.85	1.08	0.08
08-01-2025	0.01	0.23	0.18	0	18.29	0	19.85	549.74	19.78	19.75	7.88	6.51	20.78	259.3	256.95	36.19	0.85	1.08	0.08
09-01-2025	0.01	1.37	4.28	0	16.8	0	19.64	613.54	22.1	19.95	6.15	9.62	8.3	270.55	281.47	37.01	0.85	1.08	0.08
10-01-2025	0.01	9.16	8.56	0	0	0	19.03	579.06	20.07	21.02	10.34	18.66	12.94	270.79	278.69	36.46	0.85	1.08	0.08
11-01-2025	0.01	0.23	0.33	0	20.22	0	19.96	714.96	29.48	21.9	0	23.72	23.4	293.91	444.09	36.22	0.85	1.08	0.08
12-01-2025	0.01	0.23	0.77	0	18.43	0	19.08	593.66	16.96	21.03	16.12	18.62	23.59	260.19	338	36.3	0.85	1.08	0.08
13-01-2025	0.01	8.07	13.14	0	7.48	0	19.04	474.62	38.51	21.07	18.09	19.17	22.92	259.68	304.82	37.78	0.85	1.08	0.08
14-01-2025	0.01	0.47	0.09	0	10.38	0	19.01	613.63	33.53	21.04	18.31	19.37	21.92	267.09	285.33	37.67	0.85	1.08	0.08
15-01-2025	0.01	3.28	0.33	0	17.66	0	19.2	611.74	28.37	21.13	18.31	19.17	22.62	265.73	264.82	37.25	0.85	1.08	0.08
16-01-2025	0.01	2.41	0.33	0	5.91	0	18.91	594.11	29.54	20.88	4.69	17.21	6.75	200.13	212.34	31.22	54.11	18.4	11.31
17-01-2025	0.01	0.48	0.33	0	18.19	0	19.3	632.43	32.27	21.26	0	19.11	14.19	1.48	1.57	0	187.23	114.32	34.53
18-01-2025	0.01	0.23	1.64	0	0	0	19.02	619.06	29.76	21	16.65	18.34	2.18	1.48	1.57	0	160.69	94.96	37.53
19-01-2025	5.36	78.99	11.7	4.82	13.43	3.12	19.04	609.38	19.61	21.01	18.33	18.61	12.04	1.48	1.57	0	165.81	115.12	39.35
20-01-2025	16.25	447.16	34.1	19.73	16.94	17.11	18.88	616.72	18.32	20.76	12.4	18.55	15.77	1.48	1.57	0	174	136.8	38.17
21-01-2025	19.2	680.56	20.63	15.61	0	15.63	23.01	530.22	11.46	25.02	16.79	23.34	0.28	1.48	1.57	0	226.16	241.2	38.47
22-01-2025	21.61	678.44	23.1	18.38	9.56	12.79	18.89	598.43	14.12	20.8	18.57	17.66	10.42	1.48	1.57	0	166.58	185.67	38.68
23-01-2025	20.84	661.32	22.51	19.84	10.23	12.13	19	538.54	19.36	21	17.95	15.13	2.29	1.48	1.58	0	200.24	161.85	37.29
24-01-2025	20.92	686.46	16.84	20.16	0.09	12.68	19.03	547.75	21.01	21.1	7.54	12.85	22.71	1.48	1.75	0	171.12	162.01	39.27
25-01-2025	19.69	665.78	17.6	19.87	14.28	13.36	18.96	622.3	23.63	21	16.88	14.38	22.3	2.02	2.31	0	182.83	265.85	38.24
26-01-2025	20.89	652.13	16.85	17.57	5.68	13.28	18.99	623.53	23.08	20.92	16.48	16.24	22.33	1.48	1.57	0	197.42	333.44	39.48
27-01-2025	20.36	683.52	40.86	18.72	18.87	12.63	18.98	635.06	40.39	20.98	18.13	16.72	11.44	1.48	1.57	0	198.54	335.73	39.52
28-01-2025	19.83	628.15	37.52	19.66	18.88	12.11	19.16	602.7	36.86	21.09	18.38	15.88	18.37	1.48	1.57	0	187.91	343.03	38.39
29-01-2025	19.8	658.71	38.93	19.64	18.59	11.96	18.9	617.13	34.67	20.92	9.29	16.11	6.91	1.48	1.57	0	196.34	339.95	39.19
30-01-2025	21.31	675.49	36.91	19.61	5.08	12.38	18.99	573.93	18.46	20.94	0	14.4	9.52	1.48	1.58	0	194.56	351.29	38.38
31-01-2025	19.3	676.55	35.86	19.51	12.72	11.78	19.04	595.87	23.68	21.08	5.95	15.59	0.32	1.49	1.6	0	188.55	354.93	38.5

Mangalam Cement ltd. Morak , Kota (Rajasthan)

Day Average Report of Continuous Emission Monitoring System for the Month of February 2025

(All value in mg/Nm3)

Dated	Unit -I						Unit -II						Unit -III	CPP -I			CPP -II		
	Kiln - I (PM)	Kiln -I (NOx)	Kiln - I (SO2)	Cooler -I	Cement Mill -I	Coal Mill -I	Kiln - II (PM)	Kiln -II (NOx)	Kiln - II (SO2)	Cooler - II	Cement Mill -II	Coal Mill -II	Cement Mill -III	Nox	SO2	PM	Nox	SO2	PM
01-02-2025	14.37	478.84	29.28	23.56	16.06	0	0.04	0	1.31	0.03	16.78	0.03	7.98	1.48	1.57	0	33.13	133.72	41.82
02-02-2025	16.54	465.44	17.48	15.64	17.34	10.78	0.04	0	1.3	0.03	15.77	0.03	10.61	1.48	1.57	0	202.52	366.3	40.04
03-02-2025	15.21	433.19	14.22	15.1	17.32	10.24	0.04	0	1.28	0.03	12.76	0.03	11.06	1.49	1.59	0	203.01	365.53	39.3
04-02-2025	15.2	479.8	21.02	15.25	17.27	9.25	0.04	0	1.28	0.03	14.56	0.03	10.1	1.5	1.6	0	200.11	340.71	38.44
05-02-2025	15.56	509.04	54.49	15.7	7.5	11.41	0.04	0	1.25	0.03	13.05	0.03	9.49	1.55	1.66	0	196.95	323.47	37.89
06-02-2025	15.47	533.51	38.52	15.56	4.38	10.68	0.64	0	1.3	0.03	15.83	0.03	9.11	1.51	1.62	0	201.15	278.34	37.9
07-02-2025	15.2	549.72	15.31	14.72	15.41	9.98	0.04	0	1.37	0.03	15.85	0.03	10.3	1.48	1.57	0	207.6	310.7	38.65
08-02-2025	15.02	431.42	19.53	15.18	17.28	10.77	0.04	0	1.37	0.03	15.59	0.03	9.75	1.48	1.57	0	203.48	322.4	38.84
09-02-2025	15.61	431.99	12.28	16.23	17.33	11.38	0.04	0.17	1.38	0.03	15.76	0.02	10.35	1.48	1.57	0	202.76	315.17	39.2
10-02-2025	16.71	367.43	11.93	17.11	17.29	9.49	0.04	1.63	1.4	1.19	15.66	0.08	10.89	1.48	1.57	0	197.93	342.01	37.94
11-02-2025	22.87	494.91	17.82	21.43	17.83	0	11.51	15.19	1.49	0.03	13.74	0.03	10.91	1.55	1.67	0	267.48	419.92	38.72
12-02-2025	19.29	529.29	12.47	17.67	17.26	10.11	9.59	68.64	10.55	7.85	6.51	2.47	10.8	1.53	1.66	0	195.67	324.85	38.14
13-02-2025	21	533.76	10.34	15.76	17.33	11.3	9.52	419.75	4.58	8.54	13.7	11	12.2	1.55	1.68	0	190.16	312.42	37.53
14-02-2025	21.56	528.57	7.44	15.63	16.91	10.38	9.58	448.78	16.17	8.57	15.1	11.37	10.45	1.54	2.92	0	188.43	280.81	38.73
15-02-2025	22.07	624.05	7.38	16.2	17.26	8.97	9.49	448.61	32.3	8.53	15.11	12.84	4.69	2.84	5.41	0	183.79	269.32	37.49
16-02-2025	21.98	610.28	7.89	16.76	16.77	5.32	9.51	419.08	28.76	8.49	15.65	11	5.6	1.58	2.82	0	181.05	254.85	37.49
17-02-2025	21.36	629.38	10.33	17.82	17.32	9.94	9.56	402.64	38.81	8.55	15.56	10.3	5.06	1.61	1.77	0	143.99	217.24	37.44
18-02-2025	19.26	544.42	11.27	17.68	17.32	8.99	9.58	227.23	42.55	8.54	15.45	6.97	10.91	1.62	1.77	0	138.16	221.8	37.71
19-02-2025	20.22	580.62	11.83	16.68	16.88	9.86	8.02	195.35	38.47	8.51	13.13	6.03	8.46	1.62	1.77	0	133.85	208.23	38.28
20-02-2025	20	554.55	12.63	15.95	14.48	8.81	14.61	264.97	27.6	14.58	15.37	6.72	10.96	1.62	1.77	0	134.59	218.55	37.97
21-02-2025	17.58	12.69	5.29	6.35	18.06	0	20.6	262.03	13.94	20.59	14.61	14.09	12.55	1.62	1.77	0	192.89	244.74	40.4
22-02-2025	16.44	9.03	5.29	8.02	16.32	0	18.87	377.84	19.91	18.81	15.5	9	11.77	1.62	1.77	0	130.08	192.45	39.21
23-02-2025	11.17	6.74	5.29	4.75	17.31	0	18.81	350.06	19.3	18.79	15.39	12.33	11.96	1.62	1.77	0	128.87	197.35	38.63
24-02-2025	0.01	5.64	5.29	0.01	17.27	0	18.81	392.03	17.21	18.79	15.37	12.14	10.96	1.62	1.77	0	135.6	210.63	38.52
25-02-2025	0.18	6.37	5.28	0.01	16.83	0	18.81	435.93	20.63	19.88	15.49	9.27	11.37	1.62	1.77	0	132.47	204.63	38.9
26-02-2025	0.01	7.41	5.27	0.01	17.27	0	18.9	369.09	17.86	20.89	15.41	13.75	11.86	1.62	1.77	0	138.48	213.27	38.13
27-02-2025	0.02	10.14	5.28	0.01	17.69	0	18.1	440.51	16.59	20.12	15.15	10.97	11.51	1.63	1.79	0	141.88	206.37	37.8
28-02-2025	0.02	5.38	2.47	0.01	12.15	0	17.55	456.57	16.02	19.61	15.03	10.34	12.12	1.65	1.81	0	132.43	181.59	38.88

Mangalam Cement ltd. Morak , Kota (Rajasthan)

Day Average Report of Continuous Emission Monitoring System for the Month of March 2025

(All value in mg/Nm3)

Dated	Unit -I						Unit -II						Unit -III	CPP -I			CPP -II		
	Kiln - I (PM)	Kiln -I (NOx)	Kiln - I (SO2)	Cooler -I (PM)	Cement Mill -I (PM)	Coal Mill -I (PM)	Kiln - II (PM)	Kiln -II (NOx)	Kiln - II (SO2)	Cooler -II (PM)	Cement Mill -II (PM)	Coal Mill -II (PM)	Cement Mill -III (PM)	Nox	SO2	PM	Nox	SO2	PM
01-03-2025	0.02	0.42	0.05	0.01	17.89	0	18.51	293.4	26.27	20.51	16.39	0.02	9.97	1.62	1.77	0	104.62	154.55	37.28
02-03-2025	0.23	0.42	0.08	0.01	12.68	0	18.82	413.41	29.14	20.83	11.14	12.7	11.27	1.65	1.82	0	119.61	169.84	37.55
03-03-2025	0.02	0.88	0.05	0.01	16.34	0	18.79	449.02	44.42	20.76	15.51	10.45	11.53	1.64	1.8	0	124.35	176.56	38.96
04-03-2025	0.02	3.16	5.48	0	15.2	0	18.74	326.26	40.9	20.69	15.54	9.99	11	1.63	1.79	0	97.15	148.09	39.09
05-03-2025	0.02	4.79	6.6	0	16.85	0	18.86	455.31	28.35	20.82	13.22	9.86	10.73	1.62	1.77	0	92.85	160.26	38.15
06-03-2025	0.02	1.94	0.03	0.01	16.07	0.01	18.84	419.77	35.11	20.82	15.58	10.07	11.92	1.61	1.77	0	201.9	207.76	34.62
07-03-2025	1.79	8.39	0.43	0.97	14.83	0.01	18.83	423.24	56.97	20.81	14.48	10.51	12.1	1.6	1.75	0	230.77	299.32	32.91
08-03-2025	12.54	61.48	19.83	7.95	14.01	1.76	18.67	391.95	45.88	20.65	6.27	10.42	10.11	1.61	3.09	0	226.99	355.28	32.87
09-03-2025	15.31	116.75	30.04	10.03	16.52	0.6	19.84	446.56	38.17	21.83	13.04	7.81	11.75	1.62	1.77	0	258.16	404.84	30.11
10-03-2025	18.18	624.42	18.94	18.44	15.9	8.2	20.16	429.11	36.4	22.19	13.02	5.12	11.36	1.62	1.78	0	239.75	325.6	30.24
11-03-2025	16.4	514.93	14.13	17.69	19	14.81	18.15	574.72	71.46	20.15	13.96	17.57	0.17	1.69	1.87	0	256.2	352.72	31.33
12-03-2025	15.9	550.65	10.37	18.92	17.24	10.36	18.84	436.74	46.96	20.83	13.65	12.97	0.09	1.66	1.84	0	206.21	277.07	30.26
13-03-2025	17.75	651.54	8.82	19.05	16.99	9.21	18.77	407.13	54.09	20.76	12.93	13.85	1.41	1.69	1.9	0	226.11	270.22	29.69
14-03-2025	16.64	680.08	7.79	19.29	8.8	8.42	18.82	435.64	48.97	20.92	13.38	10.79	1.92	1.7	1.91	0	208.04	253.33	29.36
15-03-2025	16.87	688.56	10.44	18.85	17.32	9.39	18.79	451.69	37.31	20.79	15.53	15.4	12.3	5.7	7.03	0	222.16	283.44	29.61
16-03-2025	16.11	668.05	18.49	19.52	15.66	9.83	18.78	470.52	32.08	20.76	15.55	12.47	11.23	1.74	1.95	0	219.54	280.3	34.09
17-03-2025	16.16	636.82	27.08	18.44	16.92	10.52	18.91	476.83	37.46	20.88	15.56	15.05	12.16	1.73	1.92	0	221.62	287.05	37.58
18-03-2025	18.2	576.55	33.24	18.24	16.08	10.49	18.7	392.75	47.48	20.71	12.18	13.92	11.22	1.62	1.77	0	232.83	270.9	39.48
19-03-2025	17.94	546.43	24	17.82	14.68	7.56	18.9	411.97	49.16	20.88	15.21	10.08	9.19	1.62	2.6	0	230.96	280.41	40.35
20-03-2025	17.39	554.3	10.44	17.18	17.04	10.41	19.73	403.02	43.86	21.73	15.65	7.39	13.34	1.62	1.77	0	233.89	271.73	39.44
21-03-2025	17.17	610.67	16.06	15.5	0.05	14.06	19.14	581.96	16.75	21.13	15.58	0.03	12.31	1.62	1.77	0	276.92	342.7	41.89
22-03-2025	17.94	525.77	31.17	17.72	15.05	8.93	18.8	355.45	49.86	20.79	14.89	12.58	12.31	1.62	1.77	0	231.9	280.95	40.18
23-03-2025	17.4	584.31	23.72	19.32	17.31	9.93	18.84	390.22	51.49	20.82	2.69	13.32	13.04	1.62	1.77	0	247.27	288.27	39.66
24-03-2025	19.09	658.52	19.57	17.52	17.32	9.27	18.77	453.94	33.74	20.79	15.21	14.06	12.51	1.62	1.77	0	244.47	331.19	39.63
25-03-2025	18.07	536.64	35.63	18.07	17.26	7.42	18.83	404.97	34.7	20.81	11.46	16.31	11.74	1.62	1.77	0	237.28	321.94	38.47
26-03-2025	17.86	657.7	17.39	19.21	17.25	10.37	18.83	379.95	38.36	20.84	14.66	14.62	12.02	1.62	1.77	0	229.69	303.67	38.38
27-03-2025	16.56	602.43	16.54	19.21	17.24	7.01	18.75	417.35	23.53	20.81	10.43	13.07	10.49	1.62	1.77	0	237.26	329.24	38.16
28-03-2025	16.36	494	16.4	19.87	16.38	9.05	18.86	368.31	31.86	20.86	9.99	17.29	12.06	1.62	1.77	0	240.81	309.5	39.85
29-03-2025	19.1	600.87	22.93	16.02	15.84	10.47	18.72	347.74	42.2	20.7	15.16	13.57	11.92	2.7	3.21	0	233.62	264.12	40.03
30-03-2025	19.26	536.11	37.48	16.25	16.22	10.12	18.87	357.73	31.75	20.84	15.42	13.8	11.62	1.62	1.77	0	220.81	270.52	39.31
31-03-2025	18.48	582.45	21.96	18.53	16.73	9.87	18.76	341.98	16.38	20.75	15.59	14.88	0.78	1.61	1.77	0	226.29	263.96	40.06

Annexure-I (A)

Mangalam Cement Ltd. (Morak)

(APCM & CEMS Installation Status Report with Measured Emission Values)

Unit-I

Stack No.	Details of Stack	Stack Attached with	Height (M)	Dia (M)	CEMS Installation Status	Concentration of Emission (mg/Nm^3)			
						Norms	Oct. -24 to Dec. -24	Jan. - 25 to March -25	Avg.
1	Kiln Main Stack	Hybrid Bag house	145	4	PM	30	17.0	17.2	17.10
					SO2	100	8.3	7.95	8.13
					NOx	800	660.20	580.20	620.20
2	Clinker Cooler Stack	ESP	35	3.3	PM	30	16.20	18.80	17.50
3	Cement mill Stack	Bag house	30	1.2	PM	30	17.80	17.50	17.65
4	Vertical Coal mill stack	Bag house	53	1.30	PM	30	12.60	15.9	14.25

Unit-II

Stack No.	Details of Stack	Stack Attached with	Height (M)	Dia (M)	CEMS Installation Status	Concentration of Emission (mg/Nm^3)			
						Norms	Oct. -24 to Dec. -24	Jan. - 25 to March -25	Avg.
1	Kiln Main Stack	Hybrid Bag house	100	3.2	PM	30	17.60	19.20	18.40
					SO2	100	16.30	51.80	34.05
					NOx	800	425.20	317.20	371.20
2	Clinker Cooler Stack	ESP	35	3.3	PM	30	17.20	21.30	19.25
3	Cement mill Stack	Bag house	30	0.9	PM	30	22.90	15.10	19.00
4	Coal mill stack	Bag house	60	1.35	PM	30	15.69	17.7	16.70

Unit-III

Stack No.	Details of Stack	Stack Attached with	Height (M)	Dia (M)	CEMS Installation Status	Concentration of Emission (mg/Nm^3)			
						Norms	Oct. -24 to Dec. -24	Jan. - 25 to March -25	Avg.
1	Cement Mill Stack	Bag House	45	0.66	PM	30	12.20	12.20	12.20

CPP-I									
Stack No.	Details of Stack	Stack Attached with	Height (M)	Dia (M)	CEMS Installation Status	Concentration of Emission (mg/Nm^3)			
						Norms	Oct. -24 to Dec. - 24	Jan. - 25 to March -25	Avg.
1	Main Stack Power plant - I	ESP	77	2.5	PM	50	37.50	NR	37.50
					SO2	600	430.50	NR	430.50
					NOx	450	285.50	NR	285.50
CPP-II									
Stack No.	Details of Stack	Stack Attached with	Height (M)	Dia (M)	CEMS Installation Status	Concentration of Emission (mg/Nm^3)			
						Norms	Oct. -24 to Dec. - 24	Jan. - 25 to March -25	Avg.
1	Main Stack Power plant - II	ESP	77	2.5	PM	50	NR	36.40	36.40
					SO2	600	NR	345.60	345.60
					NOx	450	NR	250.30	250.30

Annexure-I (B)

Mangalam Cement Ltd. (Morak)

Ambient Air Quality Monitoring Results
(All values in µg/m3)

Sr No	Location/ Parameters ↓	Norms	Near Railway Gate			Near Security Gate			Near Rack Loading Area			Near Workshop		
			Oct. -24 to Dec. - 24	Jan. - 25 to March -25	Avg.	Oct. -24 to Dec. - 24	Jan. - 25 to March -25	Avg.	Oct. -24 to Dec. - 24	Jan. - 25 to March - 25	Avg.	Oct. -24 to Dec. - 24	Jan. - 25 to March - 25	Avg.
1	**PM10**	**100**	68.80	67.30	**67.05**	70.70	80.40	**75.55**	62.20	73.70	**67.95**	80.80	63.50	**72.15**
2	**PM2.5**	**60**	39.90	28.90	**34.40**	31.50	36.20	**33.85**	34.50	36.20	**35.35**	40.20	29.80	**35.00**
3	**SO_2**	**80**	10.60	11.02	**10.81**	12.30	10.85	**11.58**	09.87	10.21	**10.04**	13.40	09.72	**11.56**
4	**NOx**	**80**	17.30	16.85	**17.08**	19.70	17.02	**18.36**	17.30	15.64	**16.47**	23.70	14.47	**19.09**
5	**CO**	**4000**	00.78	00.40	**00.59**	00.89	00.43	**00.66**	00.72	00.41	**00.57**	00.92	00.43	**00.68**

Annexure-I (C)

Mangalam Cement Ltd. (Morak)

Ambient Noise Monitoring Report (All values in (dB)A)

Sr. No.	Location	Oct. -24 to Dec. - 24		Jan. - 25 to March -25		Day Avg.	Night Avg.
		Day	Night	Day	Night		
1	Near Security Gate	64.30	54.30	61.80	51.40	**63.05**	**52.85**
2	Near Railway Gate	63.70	53.40	63.90	50.30	**63.80**	**51.85**
3	Near Rack Loading Area	66.80	49.60	63.70	47.50	**65.25**	**48.55**
4	Near Work Shop	65.30	53.90	62.20	52.90	**63.75**	**53.40**

Annexure-I (D)

Mangalam Cement Ltd. (Morak)

Results of Fugitive Emission (All values in µg/m³)

S.No.	Location	Oct. -24 to Dec. - 24	Jan. - 25 to March -25	Avg.
Common Location				
1	Raw Material Storage Area-I & II	388.00	260.00	**324.00**
2	Near Coal Storage area- I & II	397.00	460..	**428.50**
3	Near Additive Storage I & II	367.00	240.00	**303.50**
4	Near Packing Plant-I & II	470.00	410.00	**440.00**
5	Near Time Office	200.00	470.00	**335.00**
Unit-I				
6	Near Crusher-I	240.00	405.00	**322.50**
7	Near Cement Mill-I	380.00	390.00	**385.00**
8	Stacker & Reclaimer-I	215.00	385.00	**300.00**
Unit-II				
9	Near Crusher-II	250.00	370.00	**310.00**
10	Near Cement Mill-II	325.00	417.00	**371.00**
11	Stacker & Reclaimer-II	300.00	280.00	**290.00**
12	Near Clinker Stock Pile (CSP)-II	392.00	310.00	**351.00**
Unit-III				
13	Near Packing Plant-III	455.00	400.00	**427.50**
14	Near Cement Mill-III	462.00	330.00	**396.00**
CPP-I & II				
15	Near Coal Storage (CPP-I & II)	412.00	270.00	**341.00**

Annexure - II

TEST REPORT

VIBRANT
"Experience the unimaginable"

TC-11227

Sample Number : VTL/AA/06

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No.	: VTL/A/2412090008/A
Format No	: 7.8 F-02
Party Reference No	: NIL
Report Date	: 16/12/2024
Period of Analysis	: 09/12/2024-16/12/2024
Receipt Date	: 09/12/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	: Nr. Darrah National Park Boundary Approch Road of Kukara Kala Village
Sample Collected By	: VTL Team
Sampling Equipment used	: RDS/FPS
Instrument Code	: VTL/RDS/FPS/01
Coordinates	: 24°47'34" & 75°51'37"
Meteorological condition during monitoring	: Clear Sky
Date of Monitoring	: 06/12/2024 To 07/12/2024
Time of Monitoring	: 08:00 TO 08:00 Hrs.
Ambient Temperature (°C)	: Min. 11°C Max. 28°C
Surrounding Activity	: Human, Vehicular & Plant Act.
Scope of Monitoring	: Regulatory Requirment
Method of Sampling	: IS :5182
Sampling Duration	: 24 Hrs.
Parameter Required	: As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	53.69	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	25.45	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	13.85	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	8.42	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com

TEST REPORT

VIBRANT
"Experience the unimaginable"

Sample Number : VTL/AA/06

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VTL/A/2412090008/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 16/12/2024
Period of Analysis : 09/12/2024-16/12/2024
Receipt Date : 09/12/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	:	Nr. Darrah National Park Boundary Approch Road of Kukara Kala Village
Sample Collected By	:	VTL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VTL/RDS/FPS/01
Coordinates	:	24°47'34" & 75°51'37"
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	06/12/2024 To 07/12/2024
Time of Monitoring	:	08:00 TO 08:00 Hrs.
Ambient Temperature (°C)	:	Min. 11°C Max. 28°C
Surrounding Activity	:	Human, Vehicular & Plant Act.
Scope of Monitoring	:	Regulatory Requirment
Method of Sampling	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.42	mg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com

VIBRANT
"Experience the unimaginable"

TEST REPORT

TC-11227

Sample Number : VTL/AA/08

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VTL/A/2412090009/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 16/12/2024
Period of Analysis : 09/12/2024-16/12/2024
Receipt Date : 09/12/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	:	Nr. Avalimeri Mahal Darrah Village
Sample Collected By	:	VTL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VTL/RDS/FPS/02
Coordinates	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	06/12/2024 To 07/12/2024
Time of Monitoring	:	09:00 TO 09:00 Hrs.
Ambient Temperature (°C)	:	Min. 11°C Max. 28°C
Surrounding Activity	:	Human, Vehicular & Plant Act.
Scope of Monitoring	:	Regulatory Requirment
Method of Sampling	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006, RA. 2017	58.45	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	27.12	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2018	14.24	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2018	9.45	µg/m³	80

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Term & conditions PTO

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com

TEST REPORT

VIBRANT
"Experience the unimaginable"

Sample Number : VTL/AA/08

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VTL/A/2412090009/B
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 16/12/2024
Period of Analysis : 09/12/2024-16/12/2024
Receipt Date : 09/12/2024

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	:	Nr. Avalimeri Mahal Darrah Village
Sample Collected By	:	VTL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VTL/RDS/FPS/02
Coordinates	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	06/12/2024 To 07/12/2024
Time of Monitoring	:	09:00 TO 09:00 Hrs.
Ambient Temperature (°C)	:	Min. 11°C Max. 28°C
Surrounding Activity	:	Human, Vehicular & Plant Act.
Scope of Monitoring	:	Regulatory Requirment
Method of Sampling	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As per work order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.45	mg/m³	4

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Term & conditions FTO

Vibrant Techno Lab Pvt. Ltd.
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com

VIBRANT
"Experience the unimaginable"

TEST REPORT

TC-11227

Sample Number : VTL/AA/01

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VTL/A/2503260009/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 26/03/2025-02/04/2025
Receipt Date : 26/03/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location	:	Nr. Darrah National Park Boundary Approach Road of Kukara Kala Village
Sample Collected By	:	VTL Team
Instrument Code	:	VTL/RDS/FPS/01
Coordinates	:	24°47'34" & 75°51'37"
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	20/03/2025 To 21/03/2025
Time of Monitoring	:	11:40 TO 11:40 Hrs.
Ambient Temperature (°C)	:	Min. 17°C Max. 35°C
Surrounding Activity	:	Human, Vehicular & Plant Act.
Method of Sampling	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (Part- 23)-2006 RA 2022	51.78	µg/m³	100
2	Particulate Matter (as PM2.5)	IS 5182(Part- 24): 2019	23.41	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2022	13.31	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (Part 2): Sec 1 : 2023	8.61	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.35	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (Part-25)-2018	*BLQ (**LOQ 10.0)	µg/m³	400
8	Ozone (as O3)	IS 5182 (Part-9):1974 RA 2019	*BLQ (**LOQ 4.0)	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BLQ (**LOQ 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (Part 26): 2020	*BLQ (**LOQ 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Term & conditions P10

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Vibrant Techno Lab Pvt. Ltd.
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com

VIBRANT
"Experience the unimaginable"

TEST REPORT

Sample Number : VTL/AA/02

Name & Address of the Party : M/s Mangalam Cement Ltd.
P.O Aditya Nagar -Morak Kota Rajasthan

Report No. : VTL/A/2503260011/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 02/04/2025
Period of Analysis : 26/03/2025-02/04/2025
Receipt Date : 26/03/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Nr. Avalimeri Mahal Darrah Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 20/03/2025 To 21/03/2025
Time of Monitoring : 12:30 TO 12:30 Hrs.
Ambient Temperature (°C) : Min. 17°C Max. 35°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As Per Work Order

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009 (Limits)
1	Particulate Matter (as PM10)	IS:5182 (Part- 23)-2006 RA 2022	57.87	µg/m³	100
2	Particulate Matter (as PM2.5)	IS 5182(Part- 24): 2019	25.41	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006, RA.2022	14.36	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (Part 2): Sec 1 : 2023	8.89	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.36	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006, RA.2017	*BLQ (**LOQ 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (Part-25)-2018	*BLQ (**LOQ 10.0)	µg/m³	400
8	Ozone (as O3)	IS 5182 (Part-9):1974 RA 2019	*BLQ (**LOQ 4.0)	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BLQ (**LOQ 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BLQ (**LOQ 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (Part 26): 2020	*BLQ (**LOQ 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BLQ (**LOQ 0.2)	ng/m³	1

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report

Checked by

VIBRANT TECHNO LAB PRIVATE LIMITED JAIPUR

RK Yadav
Lab Incharge
Authorized Signatory

Approved & Certified EPA 1986 Recognised, ISO:9001 and OHSAS:45001 Certified

Term & conditions PTO

Vibrant Techno Lab Pvt. Ltd.
SC-40, 3rd Floor, Narayan Vihar S, Ajmer Road, Jaipur Raj. 302020
9929108691, 9810205356, 8005707098, 9549956601
0141-2954638
bd@vibranttechnolab.com
www.vibranttechnolab.com

Annexure - III

MANGALAM CEMENT LTD.

MANGALAM CEMENT LTD.

Regd. A/D

MCL / Haz./E-11(II)/2025-2026/ 1738 19.05.2025

Environmental Engineer & GIC, (CPP)
Rajasthan Pollution Control Board,
4, Institutional Area,
Jhalana Doongri, JAIPUR (Raj)

Sub: Submission of Annual Return under the Hazardous & Other Wastes (M&TM) Rules, 2016 & its amendments for M/s Mangalam Cement Ltd., (Unit-I), Morak, Dist: Kota, (Raj)

Ref: 1. Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/58 dt. 29.01.2021
2. Hazardous Waste Authorization No. RPCB/HWM/2022-2023/CPM/HSW/3 dt. 11.04.2022
3. Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/47 dt. 19.01.2021
4. Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/45 dt. 19.01.2021

Dear Ma'am,

In connection to the above mentioned subject & referred authorizations, we are submitting herewith Annual Return for the FY 2024-2025 in prescribed Form-IV under the Hazardous & Other Wastes (Management & Transboundary Movement) Rule, 2016 & its amendments for M/s Mangalam Cement Limited (Unit-I), P.O. Aditya Nagar, Village Morak, Tehsil: Ramganj Mandi, Dist: Kota (Raj).

This is for your information & record please. Kindly acknowledge the receipt.

Thanking you,

Yours faithfully

For Mangalam Cement Ltd. (Unit – I)

P. R. Chaudhary
Sr. Jt. President (Operation) & FM

Encl: a/a

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

Regd. Office & Works : P.O. Aditya Nagar-326520, Morak, Distt. Kota (Raj.) CIN : L26943RJ1976PLC001705, Telefax : 07459 - 232156
Website : www.mangalamcement.com, E-mail : email@mangalamcement.com
Kota Office : Shop No. 20, 80 Feet Road, Opp. Sukhdham Colony, (Near SBI Bank) Kota - 324001(Rajasthan)
Delhi Office : 153, Leela Building (GF), Okhla Indl. Estate, Phase-III, New Delhi - 110020
Tel. No. : 011- 43539132, 43539133, 43539137 Fax : 011- 23421768
E-mail : delhi.purchase@mangalamcement.com, delhi.marketing@mangalamcement.com
Jaipur Office : 2nd Floor, Geejgarh Tower, Hawa-Sarak, Jaipur - 302 006 (Rajasthan)
Tel. : 0141 - 2218933, 2218931, E-mail : jaipur.marketing@mangalamcement.com

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1.	Name and address of facility	:	**M/S Mangalam Cement Ltd. (Unit-III),** P.O. Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota Pin code: 326520 (Rajasthan)
2.	Authorization No. and Date of issue	:	RPCB/HWM/2020-2021/CPM/HSW/70 dt. 12.02.2021 RPCB/HWM/2022-2023/CPM/HSW/2 dt. 11.04.2022.
3.	Name of the authorised person and full address with telephone, fax number and e-mail	:	**P. R. Chaudhary** **Sr. Jt. President (Operation) & FM** **Mangalam Cement Ltd.** **Mob. No. 07230003274** **E-Mail Id. :pr.chaudhary@mangalamcement.com**
4	Production during the year (product wise), wherever applicable	:	**Year 2024-2025** Cement: 1162519.94 MT

Part A. To be filled by hazardous waste generators

1	Total quantity of waste generated category wise	:	**Quantity generated during FY 2024-2025** Used Oil : NIL (Sch.-I, Category 5.1) Oil Soaked Cotton: NIL (Sch-I, Category 5.2) Waste/ Residue Containing Oil: NIL (Sch-I, Category 5.2)
2	Quantity dispatched	:	
(i)	to disposal facility	:	Nil
(ii)	to recycler or co-processors or pre-processor	:	Hazardous Waste Type: Used Oil Cat: 5.1 — Quantity of Hazardous Waste (Ltr): NIL — Date of Manifest: NIL — Mode of Disposal: NIL
(iii)	Others	:	Nil
3	Quantity utilized in-house, if any	:	Nil
4	Quantity in storage at the end of the year		Nil

Part B. To be filled by Treatment, storage and disposal facility operators			
1	Total quantity received	:	N.A.
	Quantity in stock at the beginning of the year	:	N.A
	Quantity treated	:	N.A.
	Quantity disposed in landfills as such and after treatment	:	N.A.
	Quantity incinerated (if applicable)	:	N.A.
	Quantity processed other than specified above	:	N.A.
	Quantity in storage at the end of the year	:	N.A.
Part C. To be filled by recyclers or co-processors or other users			
1	Quantity of waste received during the year	:	Chemical Gypsum : NIL Waste Mix Liquid & Solid: NIL
(i)	domestic sources	:	Nil
(ii)	imported (if applicable)	:	Nil
2	Quantity in stock at the beginning of the year	:	Chemical Gypsum : NIL Waste Mix Liquid & Solid: NIL
3	Quantity recycled or co-processed or used	:	Chemical Gypsum : NIL Waste Mix Liquid & Solid: NIL
4	Quantity of products dispatched (wherever applicable)	:	N.A.
5	Quantity of waste generated	:	N.A.
6	Quantity of waste disposed	:	N.A.
7	Quantity re-exported (wherever applicable)	:	N.A.
8	Quantity in storage at the end of the year	:	Chemical Gypsum : NIL Waste Mix Liquid & Solid: NIL

Date: 17.05.2025
Place: Morak

Signature of the Occupier or
Operator of the disposal facility

BK BIRLA GROUP OF COMPANIES

MANGALAM CEMENT LTD.

MANGALAM CEMENT LTD.

Redg. A/D

MCL / Haz./E-11(II)/2025-2026/ 1740

19.05.2025

Environmental Engineer & GIC, (CPP)
Rajasthan Pollution Control Board,
4, Institutional Area,
Jhalana Doongri, JAIPUR (Raj)

Sub: Submission of Annual Return under the Hazardous & Other Wastes (M&TM) Rules, 2016 & its amendments for M/s Mangalam Cement Ltd., (Unit-II), Morak, Dist: Kota, (Raj)

Ref: 1.Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/54 dt. 29.01.2021
2. Hazardous Waste Authorization No. RPCB/HSM/2022.2023/CPM/HSW/1 dt. 11.04.2022
3. Hazardous Waste Authorization No. RPCB/HWM/2022-2023/CPM/HSW/4 dt. 19.04.2022
4. Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/46 dt. 19.01.2021
5. Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/43 dt. 18.01.2021
6. Hazardous Waste Authorization No. RPCB/HWM/2022-2023/CPM/HSW/27 dt. 02.01.2023

Dear Ma'am,

In connection to the above mentioned subject & referred authorizations, we are submitting herewith Annual Return for the FY 2024-2025 in prescribed Form-IV under the Hazardous & Other Wastes (Management & Transboundary Movement) Rule, 2016 & its amendments for M/s Mangalam Cement Limited (Unit-II), P.O. Aditya Nagar, Vill: Morak, Tehsil: Ramganj Mandi, Dist: Kota (Raj).

This is for your information & record please. Kindly acknowledge the receipt.

Thanking you,

Yours faithfully

For Mangalam Cement Ltd. (Unit – II)

P. R. Chaudhary
Sr. Jt. President (operation) & FM

Encl: a/a

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

Regd. Office & Works : P.O. Aditya Nagar-326520, Morak, Distt. Kota (Raj.) CIN : L26943RJ1976PLC001705, Telefax : 07459 - 232156
Website : www.mangalamcement.com, E-mail : email@mangalamcement.com
Kota Office : Shop No. 20, 80 Feet Road, Opp. Sukhdham Colony, (Near SBI Bank) Kota - 324001(Rajasthan)
Delhi Office : 153, Leela Building (GF), Okhla Indl. Estate, Phase-III, New Delhi - 110020
Tel. No. : 011- 43539132, 43539133, 43539137 Fax : 011- 23421768
E-mail : delhi.purchase@mangalamcement.com, delhi.marketing@mangalamcement.com
Jaipur Office : 2nd Floor, Geejgarh Tower, Hawa-Sarak, Jaipur - 302 006 (Rajasthan)
Tel. : 0141 - 2218933, 2218931, E-mail : jaipur.marketing@mangalamcement.com

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1.	Name and address of facility	:	M/S Mangalam Cement Ltd. (Unit-II), P.O. Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota Pin code: 326520 (Rajasthan)
2.	Authorization No. and Date of issue	:	RPCB/HWM/2020-2021/CPM/HSW/54 dt. 29.01.2021 RPCB/HSM/2022-2023/CPM/HSW/1 dt. 11.04.2022 RPCB/HWM/2022-2023/CPM/HSW/4 dt. 19.04.2022 RPCB/HWM/2020-2021/CPM/HSW/46 dt. 19.01.2021 RPCB/HWM/2020-2021/CPM/HSW/43 dt. 18.01.2021 RPCB/HWM/2022-2023/CPM/HSW/27 dt. 02.01.2023
3.	Name of the authorised person and full address with telephone, fax number and e-mail	:	P. R. Chaudhary Sr. Jt. President (Operation)& FM Mangalam Cement Ltd. Mob. No. 07230003274 E-Mail Id. :pr.chaudhary@mangalamcement.com
4	Production during the year (product wise), wherever applicable	:	Year 2024-2025 Clinker : 1139463 MT Cement: 964228.09 MT
Part A. To be filled by hazardous waste generators			
1	Total quantity of waste generated category wise	:	Quantity Generated during FY 2024-2025 Used Oil: 6200 Ltr. (Sch.-I, Category 5.1) Oil Soaked Cotton: 180 KG (Sch-I, Category 5.2) Waste/ Residue Containing Oil: NIL (Sch-I, Category 5.2)
2	Quantity dispatched	:	
(i)	to disposal facility	:	Nil
(ii)	to recycler or co-processors or pre-processor	:	6200 Ltr. (Sold to Authorized Recycler) M/S Poddar Hydrocarbons G1-125, RIICO Industrial Area, Bagru (Ext.) Tehsil – Sanganer, district – Jaipur (Rajasthan)

Hazardous Waste Type	Quantity of Hazardous Waste (Ltr)	Date of Manifest	Mode of Disposal
Used Oil Cat: 5.1	6200	25.12.2024	Sold to Authorized Recycler i.e. M/s Poddar Hydrocarbons, Jaipur

			Oil-Soaked Cotton disposal quantity 180 KG in our MCL Cement Kiln

(iii)	Others	:	Nil
3	Quantity utilized in-house, if any	:	Nil
4	Quantity in storage at the end of the year		Nil
Part B. To be filled by Treatment, storage and disposal facility operators			
1	Total quantity received	:	N.A.
	Quantity in stock at the beginning of the year	:	N.A
	Quantity treated	:	N.A.
	Quantity disposed in landfills as such and after treatment	:	N.A.
	Quantity incinerated (if applicable)	:	N.A.
	Quantity processed other than specified above	:	N.A.
	Quantity in storage at the end of the year	:	N.A.
Part C. To be filled by recyclers or co-processors or other users			
1	Quantity of waste received during the year	:	Plastic Waste: 130 KG (Common for Unit-I & II) Chemical Gypsum : NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: liquid - NIL & solid – 1519.16 MT Agro Waste: 8699.26 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II) Chemical Sludge from waste water treatment: 166.42 MT
(i)	domestic sources	:	Plastic Waste: 130 KG (Common for Unit-I & II) Chemical Gypsum : NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: liquid - NIL & solid – 1519.16 MT Agro Waste: 8699.26 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II) Chemical Sludge from waste water treatment: 166.42 MT
(ii)	imported (if applicable)	:	Nil
2	Quantity in stock at the beginning of the year	:	Plastic Waste: NIL (Common for Unit-I & II) Chemical Gypsum: NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: NIL Agro Waste: 414.05 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II) Chemical Sludge from waste water treatment : NIL

3	Quantity recycled or co-processed or used	:	Plastic Waste:- 130 KG (Unit-II) Chemical Gypsum: NIL (Unit-II) Waste Mix Liquid & Solid:- solid – 1493.62 MT (Unit-II) Agro Waste: NIL (Unit-II) Iron Sludge: NIL (Unit-II) Chemical Sludge from waste water treatment : 166.42 MT
4	Quantity of products dispatched (wherever applicable)	:	N.A.
5	Quantity of waste generated	:	N.A.
6	Quantity of waste disposed	:	N.A.
7	Quantity re-exported (wherever applicable)	:	N.A.
8	Quantity in storage at the end of the year	:	Plastic Waste: NIL (Common for Unit-I & II) Chemical Gypsum: NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: liquid - NIL & solid – 25.54 MT Agro Waste: 0.16 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II) Chemical Sludge from waste water treatment : NIL

Date: 18.05.2025
Place: Morak

Signature of the Occupier or
Operator of the disposal facility

BK BIRLA GROUP OF COMPANIES

MANGALAM CEMENT LTD.

MANGALAM CEMENT LTD.

Redg. A/D

MCL / Haz./E-11(II)/2024-2025/ 1713 19.05.2025

Environmental Engineer & GIC, (CPP)
Rajasthan Pollution Control Board,
4, Institutional Area,
Jhalana Doongri, JAIPUR (Raj)

Sub: Submission of Annual Return under the Hazardous & Other Wastes (M&TM) Rules, 2016 & its amendment for M/s Mangalam Cement Ltd., (Unit-III), Morak, Dist: Kota, (Raj)

Ref: 1. Hazardous Waste Authorization No. RPCB/HWM/2020-2021/CPM/HSW/70 dt. 12.02.2021
2. Hazardous Waste Authorization No. RPCB/HWM/2022-2023/CPM/HSW/2 dt. 11.04.2022.

Dear Ma'am,

In connection to the above mentioned subject & referred authorizations, we are submitting herewith Annual Return for the FY 2024-2025 in prescribed Form-IV under the Hazardous & Other Wastes (Management & Transboundary Movement) Rule, 2016 & its amendments for M/s Mangalam Cement Limited (Unit-III), P.O. Aditya Nagar, Vill: Morak, Tehsil: Ramganj Mandi, Dist: Kota (Raj).

This is for your information & record please. Kindly acknowledge the receipt.

Thanking you,

Yours faithfully

For Mangalam Cement Ltd. (Unit – III)

P. R. Chaudhary
Sr. Jt. President (Operation) & FM

Enel: a/a

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

FORM 4

[See rules 6(5), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1.	Name and address of facility	:	**M/S Mangalam Cement Ltd. (Unit-I),** P.O. Aditya Nagar, Village: Morak, Tehsil: Ramganj Mandi, Dist: Kota Pin code: 326520 (Rajasthan)
2.	Authorization No. and Date of issue	:	RPCB/HWM/2020-2021/CPM/HSW/58 dt. 29.01.2021 RPCB/HWM/2022-2023/CPM/HSW/3 dt. 11.04.2022 RPCB/HWM/2020-2021/CPM/HSW/47 dt. 19.01.2021 RPCB/HWM/2020-2021/CPM/HSW/45 dt. 19.01.2021
3.	Name of the authorised person and full address with telephone, fax number and e-mail	:	**P. R. Chaudhary** **Sr. Jt. President (Operation) & FM** **Mangalam Cement Ltd.** **Mob. No. 07230003274** **E-Mail Id. :pr.chaudhary@mangalamcement.com**
4	Production during the year (product wise), wherever applicable	:	**Year 2024-2025** Clinker : 1344437.00 MT Cement : 821512.07 MT

Part A. To be filled by hazardous waste generators

1	Total quantity of waste generated category wise	:	**Quantity generated during FY 2024-2025** Used Oil : 4800 Ltr. (Sch.-I, Category 5.1) Oil Soaked Cotton: 710 kg (Sch-I, Category 5.2) Waste/ Residue Containing Oil: NIL (Sch-I, Category 5.2)
2	Quantity dispatched	:	
(i)	to disposal facility	:	Oil Soaked Cotton disposal in our Cement Kiln
(ii)	to recycler or co-processors or pre-processor	:	**4800 Ltr. (Sold to Authorized Recycler)** **M/S Poddar Hydrocarbons** **G1-125, RIICO Industrial Area, Bagru (Ext.) Tehsil – Sanganer, district – Jaipur (Rajasthan)**

Hazardous Waste Type	Quantity of Hazardous Waste (Ltr)	Date of Manifest	Mode of Disposal
Used Oil Cat: 5.1	4800	25.11.2024	Sold to Authorized Recycler i.e. M/s Poddar Hydrocarbons, Jaipur

Oil-Soaked Cotton disposal quantity 710 KG in our MCL Cement Kiln

(iii)	Others	:	Nil
3	Quantity utilized in-house, if any	:	Nil
4	Quantity in storage at the end of the year		Nil
Part B. To be filled by Treatment, storage and disposal facility operators			
1	Total quantity received	:	N.A.
	Quantity in stock at the beginning of the year	:	N.A.
	Quantity treated	:	N.A.
	Quantity disposed in landfills as such and after treatment	:	N.A.
	Quantity incinerated (if applicable)	:	N.A.
	Quantity processed other than specified above	:	N.A.
	Quantity in storage at the end of the year	:	N.A.
Part C. To be filled by recyclers or co-processors or other users			
1	Quantity of waste received during the year	:	Plastic Waste: 130 KG (Common for Unit-I & II) Chemical Gypsum : NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: liquid 4221.64 MT & solid 1450.53 MT total – 5672.17 (Common for Unit-I & II) Agro Waste: 8699.26 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II)
(i)	domestic sources	:	Plastic Waste: 130 KG (Common for Unit-I & II) Chemical Gypsum : NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: liquid 4221.64 MT & solid 1450.53 MT total – 5672.17 Agro Waste: 8699.26 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II)
(ii)	imported (if applicable)	:	Nil
2	Quantity in stock at the beginning of the year	:	Plastic Waste: NIL (Common for Unit-I & II) Chemical Gypsum: NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: NIL Agro Waste: 414.05 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II)
3	Quantity recycled or co-processed or used	:	Plastic Waste: NIL (Unit-I) Chemical Gypsum: NIL (Unit-I) Waste Mix Liquid & Solid: Liquid – 3808.19 MT, Solid – 1006.51 MT Total – 4814.70 MT (Unit-I) Agro Waste: NIL (Unit-I) & 9113.15 MT (CPP-I & II) Iron Sludge: NIL (Unit-I)
4	Quantity of products dispatched	:	N.A.

	(wherever applicable)		
5	Quantity of waste generated	:	N.A.
6	Quantity of waste disposed	:	N.A.
7	Quantity re-exported (wherever applicable)	:	N.A.
8	Quantity in storage at the end of the year	:	Plastic Waste: NIL (Common for Unit-I & II) Chemical Gypsum: NIL (Common for Unit-I, II & III) Waste Mix Liquid & Solid: Liquid – 413.45 MT Solid – 444.02 MT Total – 857.47 MT Agro Waste: 0.16 MT (Common for Unit-I, II and CPP-I & II) Iron Sludge: NIL (Common for Unit-I & II)

Date: 17.05.2024
Place: Morak

Signature of the Occupier or
Operator of the disposal facility

Annexure-IV

Mangalam Cement Ltd. Morak (Unit-I, II & III)

Year Wise Tree Plantation

Sr. No.	Year	Plant Names	Numbers	Survival Rate	Location	Area (hector)	
						Total Plant Area	Total 33 % Plantation area to be developed
1	08-09	Neem, Karanj, Sheesam, Sirus, Bad, Peepal, Palash, Khejri, Chareel, Mango, Jamphaletc	20000	70%	Plant & Colony	167	55.11
2	09-10		22000	70%	Plant & Colony	167	55.11
3	10-11		16000	70%	Plant & Colony	167	55.11
4	11-12		18000	70%	Plant & Colony	167	55.11
5	12-13		10700	70%	Plant & Colony	167	55.11
6	13-14		16607	70%	Plant & Colony	167	55.11
7	14-15		10238	70%	Plant & Colony	167	55.11
8	15-16		3788	70%	Plant & Colony	167	55.11
9	16-17		4044	70%	Plant & Colony	167	55.11
10	17-18		3923	70%	Plant & Colony	167	55.11
11	18-19		2231	70%	Plant & Colony	167	55.11
12	19-20		3153	70%	Plant & Colony	167	55.11
13	20-21		470	70%	Plant & Colony	167	55.11
14	21-22		510	70%	Plant & Colony	167	55.11
15	22-23		496	70%	Plant & Colony	167	55.11
16	23-24		567	70%	Plant & Colony	167	55.11
17	24-25		702	70%	Plant & Colony	167	55.11

Annexure-V

MANGALAM CEMENT LIMITED

CSR Expenditure for the period from April 2024 to March 2025		
S.No.	**Particulars of CSR Activities**	**AMOUNT (in Rs.)**
1.	Total CSR Expenditure	**15171058.00**

Annexure - VI

Medical Surveillance Report

Date:- 16/04/2025

Period from October 2024 to March 2025, Health activities conducted by OHC are as following....

1. Periodical health checks up.

Periodical health Examination & general medical & health Examination of workers & Staff done to detect occupational and aging diseases Result of periodical health examinations (twice in a year) are as follows...

2. Periodical health examination & general medical & health examination of 313 Staff & 353 workers & 276 contractor workers were done period from Oct 2024 to March 2025 **(twice in a year)**. Some Staff/workers were suffering from hypertension, Cardiac disease & refractive errors, rheumatoid arthritis respectively.

Hypertensive patients were investigated treated and Cardiac patients referred to cardiologist refractive errors were referred to ophthalmologist and suffering from skin disorder were treated and instructed to use PPE regularly.

3-Health knowledge of workers are improved through health talks on various topics like health and hygiene, Diarrhoea & vomiting, hypertension, diabetes, heart disease, obesity, nutrition, dog bite, snake bite, heat stroke etc.

4-Follow up action of diseased/affected workers is done & remedial measure taken.

Medical Superintendent

OHC