



BK BIRLA GROUP OF COMPANIES

MANGALAM CEMENT LTD.

Regd. A/D



MANGALAM CEMENT LTD.

MCL/Env.- 6(IV)/2023-2024/204

12.05.2023

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 2022 to March 2023 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. 2022 to March 2023 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.

Vinod
[Signature]
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)
Mob : 9351468064, E-mail : mclcta@kappa.net.in
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 2022 to March 2023

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 25 th August, 2014 and subsequent amendment date 9 th May, 2016 and 10 th May 2016 regarding cement plants with respect to particulate matter, SO ₂ and NO _x shall be followed.	<p>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 NO_x. Monitoring results of Cement Plants are given as below and details are attached in Annexure- I (A).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Unit-I</th> </tr> <tr> <th rowspan="2">Stack No.</th> <th rowspan="2">Details of Stack</th> <th colspan="2">Emission (mg/Nm³)</th> </tr> <tr> <th>Norms</th> <th>Avg. Emission</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center;">1</td> <td rowspan="3" style="text-align: center;">Kiln Main Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">19.95</td> </tr> <tr> <td style="text-align: center;">100</td> <td style="text-align: center;">14.09</td> </tr> <tr> <td style="text-align: center;">800</td> <td style="text-align: center;">586.40</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Clinker Cooler Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">19.80</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Cement Mill Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">17.70</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">Vertical Coal Mill Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">15.95</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Unit-II</th> </tr> <tr> <th rowspan="2">Stack No.</th> <th rowspan="2">Details of Stack</th> <th colspan="2">Emission (mg/Nm³)</th> </tr> <tr> <th>Norms</th> <th>Avg. Emission</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center;">1</td> <td rowspan="3" style="text-align: center;">Kiln Main Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">18.50</td> </tr> <tr> <td style="text-align: center;">100</td> <td style="text-align: center;">15.46</td> </tr> <tr> <td style="text-align: center;">800</td> <td style="text-align: center;">352.65</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Clinker Cooler Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">17.10</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Cement Mill Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">17.87</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">Coal Mill stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">16.64</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Unit-III</th> </tr> <tr> <th rowspan="2">Stack No.</th> <th rowspan="2">Details of Stack</th> <th colspan="2">Emission (mg/Nm³)</th> </tr> <tr> <th>Norms</th> <th>Avg. Emission</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">Cement Mill Stack</td> <td style="text-align: center;">30</td> <td style="text-align: center;">16.17</td> </tr> </tbody> </table>	Unit-I				Stack No.	Details of Stack	Emission (mg/Nm ³)		Norms	Avg. Emission	1	Kiln Main Stack	30	19.95	100	14.09	800	586.40	2	Clinker Cooler Stack	30	19.80	3	Cement Mill Stack	30	17.70	4	Vertical Coal Mill Stack	30	15.95	Unit-II				Stack No.	Details of Stack	Emission (mg/Nm ³)		Norms	Avg. Emission	1	Kiln Main Stack	30	18.50	100	15.46	800	352.65	2	Clinker Cooler Stack	30	17.10	3	Cement Mill Stack	30	17.87	4	Coal Mill stack	30	16.64	Unit-III				Stack No.	Details of Stack	Emission (mg/Nm ³)		Norms	Avg. Emission	1	Cement Mill Stack	30	16.17
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iii	<p>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.</p>	<p>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.</p>																																				
iv	<p>The project proponent shall not draw ground water for the project.</p>	<p>Point noted and ensures that we are not drawing ground water for the project.</p>																																				
v	<p>The standards issued by the Ministry vide S.O. 3305 (E) dated 07.12.2015 regarding thermal power plants shall be followed.</p>	<p>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).</p> <table border="1" data-bbox="820 1675 1490 2132"> <thead> <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/Nm³)</th> </tr> <tr> <th>Norms</th> <th>Avg. Emission</th> </tr> </thead> <tbody> <tr> <td rowspan="3">1</td> <td rowspan="3">Main Stack Power plant - I</td> <td>50</td> <td>35.00</td> </tr> <tr> <td>600</td> <td>459.40</td> </tr> <tr> <td>450</td> <td>253.50</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/Nm³)</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>27.07</td> </tr> <tr> <td>600</td> <td>216.20</td> </tr> <tr> <td>450</td> <td>270.00</td> </tr> </tbody> </table>	CPP-I				Stack No.	Details of Stack	Emission (mg/Nm ³)		Norms	Avg. Emission	1	Main Stack Power plant - I	50	35.00	600	459.40	450	253.50	CPP-II				Stack No.	Details of Stack	Emission (mg/Nm ³)		Norms	Avg. Emission	1	Main Stack Power plant - II	50	27.07	600	216.20	450	270.00
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