Dalmia cement

cement! sugar! refractories! power!

DCBL/Plant/Env/MoEF&CC/EC Compliance/112023/01 Date: 28.11.2023

Additional Principal Chief Conservator of Forests,
Ministry of Environment, Forest & Climate Change
Integrated Regional Office,
Ground Floor, East Wing, New Secretariat Building,
Civil Lines, Nagpur- 440001.

Sub: **Compliance of Environmental Clearance for 2.0 MTPA of Clinker Plant, 2.16 MTPA of OPC and 2.86 MTPA PPC and Captive Power Plant of 2 x 25 MW at village Naranda, District – Chandrapur Maharashtra for the period of April 2023 to September 2023.**

Ref: ***Environmental Clearance F.No. J-11011/319/2006-IA II (I) dated 28.06.2007, Amended on dated 04.09.2009 and EC Transferred on dated 14.12.2021 & 26.09.2022***

Dear Sir,

With respect to the subjected matter & referred above, we are submitting herewith the point wise half yearly compliance of Environmental Clearance for our Integrated Cement plant (2.0 MTPA of Clinker Plant, 2.16 MTPA of OPC and 2.86 MTPA of PPC) and Captive Power Plant (2 x 25 MW) for the period from **April 2023 to September 2023**. Soft copy of the EC Compliance report has been emailed to eccompliance-mh@gov.in and also uploaded on MOEF&CC Parivesh Portal.

Submitted for your kind information please.

Thanking you

Yours Faithfully,
For **Dalmia Cement (Bharat) Ltd.**

(Subbaraidu Ayyagari)
Unit Head

CC: **1. The Regional Director, Central Pollution Control Board (CPCB), Survey No. 110, Dhankude Multi Purpose Hall, Baner Road, Baner, Pune – 411045.**

2. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. CineMax Theatre, Sion (E), Mumbai - 400 022.

3. Regional Officer, Maharashtra Pollution Control Board (MPCB), 1st Floor, Udyog Bhawan, Railway Station Road, Chandrapur – 442401.

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

(Compliance Period - April 2023 to September 2023)

Ref: Environmental Clearance F.No. - J-11011/319/2006 -IA II (I) dated 28.06.2007, Amendment on dated 04.09.2009 and EC Transferred on dated 14.12.2021 & 26.09.2022

Name of the Company: Dalmia Cement (Bharat) Ltd, Unit Chandrapur Cement Works

Project Name – Environmental Clearance for **Integrated Cement Plant (Clinker 2.0 MTPA, Cement -2.16 MTPA of OPC and 2.86 MTPA PPC and Captive Power Plant of 3x16.5 MW) at village Naranda, District – Chandrapur, Maharashtra.**

Detailed point wise compliance of conditions stipulated in Environmental Clearance vide F.No. - J-11011/319/2006 -IA II (I) dated 28.06.2007 is given below:

<table>
<tr><th>Sr. No.</th><th>Specific Conditions</th><th>Compliance</th></tr>
<tr><td>i.</td><td>The gaseous emissions from various units shall conform to the standards prescribed by the Maharashtra State Pollution Control Board. Bag filters and Electrostatic Precipitator of highest efficiency shall be installed and Particulate Emissions from the cement plant shall be less than 50 mg/Nm^3 and for CPP, the same will be less than 80-100 mg/Nm^3. Particulate emissions from DG House will be restricted to 40 mg/Nm^3.</td><td>

We have taken various primary control measure to reduce the gaseous emissions and to achieve gaseous emissions well within the standards prescribed by CPCB and Maharashtra State Pollution Control Board (MPCB).
Efficient bag filters are installed at all material transfer points, loading & unloading points, Air Pollution Control equipment installed i.e. Bag houses attached at Coal Mill, Raw Mill & Kiln, Cement Mill-1 & 2 and ESPs attached to CPP boiler & Clinker Cooler section and DG sets attached with Retrofit emission control system to meet more stringent standards prescribed by CPCB & MPCB.
We have replaced Electro static Precipitators (ESP) with Reverse Air Bag House in Raw Mill/Kiln, single phase transformer replaced with three phase transformers in cooler to increase the ESP efficiency of Clinker Cooler ESP, ESP attached with CPP boiler and also upgraded from 3 field ESP to 4 fields ESP & 2 phase transformers to 3 phase transformers to meet the emissions norms specified vide MoEF&CC notification G.S.R. 497 (E) 10th May, 2016 for Cement Plant with co-processing.
Installed low NOx Burner in Cement Kiln and lime dosing arrangements in CPP to control NOx and SO_2 emissions within prescribed norms.
The Particulate emission and gaseous emissions from the Various stacks are given below:

<table>
<tr><th>Location</th><th>Standard</th><th>Apr-23</th><th>May-23</th><th>Jun-23</th><th>Jul-23</th><th>Aug-23</th><th>Sep-23</th></tr>
<tr><td>Raw mill + kiln</td><td>30 mg/Nm^3</td><td>23.9</td><td>24.67</td><td>22.11</td><td>27.6</td><td>26.71</td><td>25.65</td></tr>
</table>
</td></tr>
</table>

Coal Mill	30 mg/Nm³	25.85	23.18	28.6	25.21	28.74	27.87
Clinker Cooler	30 mg/Nm³	25.21	19.69	27.41	23.28	27.11	26.59
Cement Mill 1	30 mg/Nm³	27.13	24.75	28.54	26.76	27.46	25.20
Cement Mill 2	30 mg/Nm³	27.82	23.52	24.16	25.51	25.98	28.67
Packer-1	30 mg/Nm³	26.91	26.28	24.73	22.98	20.31	20.06
Packer-2	30 mg/Nm³	21.3	22.14	26.05	28.57	22.27	25.17
Packer-3	30 mg/Nm³	28.62	26.3	25.85	21.22	21.03	19.72
CPP	50 mg/Nm³	39.59	42.6	46.66	32.45	31.07	29.3

* All values are in mg/Nm³

Location	Parameters	Standard	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Raw mill + kiln	SO_2	700 mg/Nm³	27.84	21.23	23.66	19.33	17.67	17.28
	NO_x	800 mg/Nm³	517.57	531.37	465.68	485.3	426.69	472.3
CPP	SO_2	600 mg/Nm³	422.4	426.17	410.61	407.04	375.11	380.16
	NO_x	450 mg/Nm³	184.68	223.45	181.82	179.63	156.21	164.42

* All values are in mg/Nm³

ii. Five stacks of the prescribed height (as presented before the Environmental clearance EC) shall be erected to disperse SOx and NOx. All the major stacks shall be provided with continuous emission monitoring for particulate matter.

- We have constructed/erected the stacks to better dispersion of the SO_2, NOx and PM emissions.
- Continuous Emission Monitoring System (CEMS) provided at all major stacks for monitoring of particulate matter and gaseous emission monitoring as per applicability. Data of CEMS is being transferred to CPCB & MPCB server.
- Stack details are given below:

Sr No	Name of Stack	Material of Construction	Stack Height (in m)
1	Raw Mill & Kiln	Mild steel	110
2	Clinker Cooler	Mild steel	54
3	Coal Mill	Mild steel	118
4	Cement Mill -01	Mild steel	35
5	Cement Mill -02	Mild steel	35
6	CPP Boiler	RCC	83

<table>
<tr>
<td>iii.</td>
<td>Continuous On-line monitors for particulate emissions, SO_2 and NO_X in Raw/kiln mill, clinker cooler, coal mill, cement mill etc. shall be provided and shall make necessary arrangements for submission of On-line real time emission data to CPCB website. NO_X burners shall be installed to control NO_X emissions. Interlocking facility shall be provided between pollution control equipment and the process operation so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.</td>
<td>

We have installed Continuous Emission Monitoring System (CEMS) at all major stacks for the listed parameters given below:

<table>
<tr><th>Sr No</th><th>Stack</th><th>Air Pollution Control Equipment</th><th>Monitoring Parameters</th></tr>
<tr><td>1</td><td>Raw Mill & Kiln Stack</td><td>Jet Pulse Bag House</td><td>PM, SO_2 & NOx</td></tr>
<tr><td>2</td><td>Clinker Cooler</td><td>ESP</td><td>PM</td></tr>
<tr><td>3</td><td>Coal Mill</td><td>Bag House</td><td>PM</td></tr>
<tr><td>4</td><td>Cement Mill -01</td><td>Bag House</td><td>PM</td></tr>
<tr><td>5</td><td>Cement Mill -02</td><td>Bag House</td><td>PM</td></tr>
<tr><td>6</td><td>CPP Boiler Stack</td><td>ESP</td><td>PM, SO_2 & NOx</td></tr>
</table>

All the necessary arrangements are made for the real time emission data at all major stacks, the data is being uploaded to MPCB and CPCB server.
Low NOx burner installed in Cement Kiln and CPP Boiler to control the NOx emission
Interlocking facility has been provided at all pollution control equipment to stop the process in case failure of the Air Pollution Control (APC) equipment.

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<tr>
<td>iv.</td>
<td>Regular Ambient Air Quality Monitoring shall be carried out. The monitoring stations will be set up in consultation with the Maharashtra Pollution Control Board. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions. On-line data for air emissions shall be transferred to the CPCB and MPCB regularly. The instruments used for ambient air quality monitoring shall be calibrated regularly.</td>
<td>

Regular Ambient Air Quality Monitoring is being carried out through NABL accredited laboratory i.e. M/s Go Green Mechanisms Pvt. Ltd., Nagpur and data is being submitted to MPCB on monthly basis.
Continuous Ambient Air Quality Monitoring stations have set up in consultation with Maharashtra State Pollution Control Board.
On-line data for Continuous emissions and Ambient Air Quality Monitoring Station is being transferred to the CPCB and MPCB regularly.
Calibration of Monitoring Instruments is being done at regular intervals.
Photographs of CAAQMS stations & CEMS enclosed as Annexure – 01.
Ambient air quality monitoring data for the Compliance period (Apr 23 to Sep 23) is given below:

<table>
<tr><th colspan="5">AAQM Station – 01 at Main Gate</th></tr>
<tr><th>Month</th><th>PM 2.5 (µg/m³)</th><th>PM 10 (µg/m³)</th><th>SO_2 (µg/m³)</th><th>NO_2 (µg/m³)</th></tr>
<tr><td>Standard</td><td>60</td><td>100.0</td><td>80.0</td><td>80.0</td></tr>
<tr><td>Apr-23</td><td>41.65</td><td>72.60</td><td>12.10</td><td>22.21</td></tr>
<tr><td>May-23</td><td>36.24</td><td>67.52</td><td>11.91</td><td>18.31</td></tr>
<tr><td>Jun-23</td><td>36.66</td><td>68.02</td><td>11.22</td><td>17.12</td></tr>
<tr><td>Jul-23</td><td>32.49</td><td>62.50</td><td>10.77</td><td>16.90</td></tr>
<tr><td>Aug-23</td><td>34.16</td><td>69.11</td><td>11.86</td><td>19.07</td></tr>
<tr><td>Sep-23</td><td>39.57</td><td>70.77</td><td>13.62</td><td>17.87</td></tr>
</table>
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</tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><td colspan="5">AAQM Station - 02 Near CPP Area</td></tr>
<tr><td>Apr-23</td><td>36.24</td><td>66.52</td><td>14.69</td><td>23.29</td></tr>
<tr><td>May-23</td><td>35.0</td><td>65.7</td><td>11.0</td><td>19.7</td></tr>
<tr><td>Jun-23</td><td>35.83</td><td>66.51</td><td>11.36</td><td>19.15</td></tr>
<tr><td>Jul-23</td><td>33.32</td><td>63.53</td><td>12.98</td><td>15.75</td></tr>
<tr><td>Aug-23</td><td>33.3</td><td>65.08</td><td>14.7</td><td>21.5</td></tr>
<tr><td>Sep-23</td><td>37.07</td><td>67.60</td><td>10.01</td><td>18.69</td></tr>
<tr><td colspan="5">AAQM Station - 03 at Limestone Stacker Area</td></tr>
<tr><td>Apr-23</td><td>41.24</td><td>71.10</td><td>11.56</td><td>19.29</td></tr>
<tr><td>May-23</td><td>35.8</td><td>68.4</td><td>12.1</td><td>18.3</td></tr>
<tr><td>Jun-23</td><td>34.58</td><td>66.38</td><td>13.87</td><td>18.41</td></tr>
<tr><td>Jul-23</td><td>30.82</td><td>60.69</td><td>10.87</td><td>15.39</td></tr>
<tr><td>Aug-23</td><td>33.7</td><td>65.6</td><td>13.5</td><td>19.3</td></tr>
<tr><td>Sep-23</td><td>38.32</td><td>68.02</td><td>11.27</td><td>17.84</td></tr>
</table>
</td><td></td></tr>
<tr><td>v.</td><td>Raw material will be properly covered and clinker shall be stored in a dome with all round high sidewalls to control fugitive emissions. Fugitive emissions from cement mill, packing area and coal yard shall also be controlled.</td><td colspan="2">

Covered sheds are provided for storage of raw material & fuel i.e. Gypsum, Additives, AFR material, coal & petcoke
Clinker is being stored in a dome with all round high sidewalls and provided bag filters to control fugitive emissions
Fly ash unloading through pneumatic system & transporting through bulker and stored in closed Silo
Cement is being stored in closed Silos.
Efficient bag filters are provided at Cement mill, packing area and Coal handling section to control the fugitive dust emission.
Water sprinklers are provided at material storage and unloading points.
Mechanical Road Sweeper deployed for the road cleaning.
Photographs of the mechanical Road Sweeping Machines enclosed as Annexure -02.

</td></tr>
<tr><td>vi.</td><td>Dust collectors and extraction system (suction apparatus) shall be installed to control fugitive dust emissions at coal and limestone unloading points, at all the transfer points, stockpiles to arrest free release of dust.</td><td colspan="2">Raw materials are being transporting through covered belt conveyor. Bag filters are provided at all material transfer points of covered belt conveyors, raw material loading & unloading points to arrest the fugitive dust emission. Material collected in bag filters is being recycled into the process.</td></tr>
</table>

vii.	Materials will be transported in tippers, covered trucks, covered containers, covered rail wagons etc.	• Materials is being transported in tippers, covered trucks, covered containers. • Fly ash is being transported in the closed bulkers.
viii.	Windbreakers will be installed to restrict fugitive dust.	• Relevant control methods are installed/deployed in dust prone areas. • 03 tier Plantation is being done around plant boundary.
ix.	Water sprinkling arrangement should be made in the raw material stock yard and dust collectors in cement bag loading areas.	• Water sprinkling systems have been installed at Limestone crusher and material storage yard to minimize the dust generation. • Efficient bag filters are provided at raw Material conveyer system and material transfer points. • Efficient Bag Filter are provided at Packing Plant
x.	Total water requirement from Wardha /Pen Ganga River shall not exceed 6020 m^3/d as per the permission granted by State Irrigation Department.	Noted and being complied
xi.	Minimum Cycle of Concentration (COC) for the CPP will be 5.0.	We maintain the Minimum 05 cycle of concentration for the CPP
xii.	The wastewater from CPP and domestic activities shall be treated in Effluent Treatment Plant (ETP) and Sewage Water Reclamation Plant (SWRP) respectively and recycled/reused in cement plant for make-up, in CPP for cooling, dust suppression, other plant related activities and green belt development. No wastewater will be released outside the premises. Zero discharge shall be strictly adopted. During monsoon, the wastewater will be stored in the mine pit.	• No effluent is being /will be discharged outside the plant premises and adopted zero liquid discharge. • Wastewater from CPP is treated in ETP (neutralization pit) and treated water is recycled back to process/Reused in dust suppression and cooling at cement plant. • The Domestic wastewater is being treated in Sewage Treatment Plant and treated water is being utilized for greenbelt development and plantation. • Photographs of Sewage treatment plant are enclosed as **Annexure -03**
xiii.	Solid waste generated shall be 100 % recycled and reutilized in the process itself and no solid waste shall be disposed off outside the plant premises. The fly ash generated will be used in-house for the manufacture of	• The solid waste i.e. dust collected from air pollution control equipment is being recycled back in to process. • The Fly ash generated from CPP is being utilized for manufacturing of PPC. • Bottom Ash generated from CPP is being used in cement manufacturing or sold to brick manufacturing agency.

	PPC. Bottom ash shall be used in the raw mill and used for land filling. Treated STP sludge shall be used as manure for green belt development. Waste oil sludge shall be reused in the plant and finally burnt in the kiln or sold to authorized recyclers/ re-processors.	• Sludge generated from STPs is being utilized as manure for greenbelt development and plantation. • The waste oil, grease generated during plant operation is being /will be sold to authorized recycler.
xiv.	The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environmental Protection (CREP).	Noted and being Complied.
xv.	As agreed, green belt shall be developed in 17 ha area.	• Plantation & green belt is being developed in and along the periphery of plant premises. We have covered 15 Ha of area under green belt and plantation and which is our continuous ongoing programme. • We are doing the planation in and around plant area to cover the 17 Ha land under green belt & plantation. • Total Number of Plantation during this Compliance period is **3647** & Greenbelt photographs is enclosed as **Annexure -04**
xvi.	The company must harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	• Storm/Rain Water accumulated is being harvested in the mined-out pits and the harvested water is being utilized for plant operation and various activities to conserve fresh water. • We have Constructed 06 number of rain water harvesting structures to recharge the ground water. • Rainwater from the rooftops of the buildings is being collected and utilized for utility activities inside the plant.
	GENERAL CONDITIONS	
i.	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board (MPCB) and the State Government.	We are committed to follow the stipulations made by Maharashtra Pollution Control Board (MPCB) and the State Government.
ii.	No further expansion or modifications in the plant shall be carried out	• Noted and will be complied

<table>
<tr><td></td><td>without prior approval of the Ministry of Environment and Forests.</td><td>• No expansion and modifications in the plant will be carried out without prior approval from MoEF&CC.</td></tr>
<tr><td>iii.</td><td>Adequate number of influent and effluent quality monitoring stations shall be set up in consultation with the MPCB. Regular monitoring shall be carried out for relevant parameters.</td><td>• Influent and effluent quality monitoring stations set up in consultation with the MPCB. For relevant parameters Regular monitoring is being carried out by NABL accredited authorized agency and data is being submitted to the MPCB on monthly basis.</td></tr>
<tr><td>iv.</td><td>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.</td><td>Environmental protection measures and safeguards recommended in the EIA/EMP report are being Complied with.</td></tr>
<tr><td>v.</td><td>Industrial wastewater shall be properly collected and 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>• ETP (neutralization pit) is provided for treatment of industrial wastewater from CPP and treated wastewater conforms to the standards prescribed under GSR 422 (E) as amended.
• Quality of ETP (Neutralization pit) outlet for the period of Apr 23 to Sep 23 is given below:
<table>
<tr><th>Parameter</th><th>pH</th><th>TDS</th><th>TSS</th><th>BOD</th><th>COD</th><th>Oil and Grease</th></tr>
<tr><td>Unit</td><td></td><td>mg/L</td><td>mg/L</td><td>mg/L</td><td>mg/L</td><td>mg/L</td></tr>
<tr><td>Standard</td><td>5.5 to 8.5</td><td>2100 max.</td><td>100</td><td>30</td><td>100</td><td>10 max.</td></tr>
<tr><td>Apr-23</td><td>7.59</td><td>902</td><td>18</td><td>6</td><td>20</td><td>BQL</td></tr>
<tr><td>May-23</td><td>7.38</td><td>1150</td><td>27</td><td>9.6</td><td>35</td><td>BQL</td></tr>
<tr><td>Jun-23</td><td>7.29</td><td>1040</td><td>38</td><td>9.6</td><td>40</td><td>BQL</td></tr>
<tr><td>Jul-23</td><td>7.62</td><td>1150</td><td>32</td><td>9.3</td><td>30</td><td>BQL</td></tr>
<tr><td>Aug-23</td><td>7.96</td><td>1082</td><td>26</td><td>8.3</td><td>25</td><td>BQL</td></tr>
<tr><td>Sep-23</td><td>7.88</td><td>1013</td><td>23</td><td>6.4</td><td>20</td><td>BQL</td></tr>
</table>
• The treated wastewater is being recycled back in to process/reused in dust suppression and green belt development & plantation.
• RO reject water is being used in mill spray</td></tr>
</table>

<table>
<tr><td>vi.</td><td>The overall noise levels in and around the plant area shall be limited within the prescribed standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.</td><td>

Noise abatement measures including acoustic hoods, silencers, enclosures etc. have been provided at appropriate places in order to meet the standards prescribed and same is being maintained.
Noise Level is being monitoring in & around the plant area results are well within the prescribed standards and details are given below:

<table>
<tr><th>Location</th><th colspan="2">Limestone Stacker</th><th colspan="2">CPP Area</th><th colspan="2">Main gate</th></tr>
<tr><td>Time</td><td>Day Time</td><td>Night Time</td><td>Day Time</td><td>Night Time</td><td>Day Time</td><td>Night Time</td></tr>
<tr><td>Standard</td><td>75 (dB)</td><td>70 (dB)</td><td>75 (dB)</td><td>70 (dB)</td><td>75 (dB)</td><td>70 (dB)</td></tr>
<tr><td>Apr-23</td><td>71.8</td><td>63.1</td><td>73.2</td><td>64.3</td><td>70.6</td><td>61.7</td></tr>
<tr><td>May-23</td><td>68.5</td><td>61.1</td><td>67.7</td><td>60.1</td><td>67.1</td><td>59.5</td></tr>
<tr><td>Jun-23</td><td>56.2</td><td>45.8</td><td>77.1</td><td>49.5</td><td>56.8</td><td>46</td></tr>
<tr><td>Jul-23</td><td>78</td><td>61</td><td>68.1</td><td>60</td><td>67.5</td><td>61.9</td></tr>
<tr><td>Aug-23</td><td>71.5</td><td>64.3</td><td>68.4</td><td>59.7</td><td>72.2</td><td>61.7</td></tr>
<tr><td>Sep-23</td><td>77.3</td><td>62.9</td><td>69.7</td><td>58.1</td><td>71.7</td><td>60.4</td></tr>
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</td></tr>
<tr><td>vii.</td><td>Proper Housekeeping and adequate occupational health programmes shall be taken up. Regular Occupational Health Surveillance Programme shall be carried and records shall be maintained properly for at least 30-40 years. The programme shall include lung function and sputum tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.</td><td>

Housekeeping and Occupational health programmes are being taken up in the plant premises and will be continued in future too.
Regular Occupational Health Surveillance program is being taken up for employees & workers and records will be maintained for at least 30-40 years. As the company has been recovered from Insolvency through NCLT route, the older documents are not available.
Pre-Occupational Health Check-ups have been carried out for all the employees currently employed.

</td></tr>
<tr><td>viii.</td><td>A separate environment management cell with full fledge laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.</td><td>

A separate Environment Management Cell has been set up under the control of Unit Head.
For the regular environmental monitoring and analysis purpose, we have installed Environmental laboratory inside the plant premises.
In addition, regular environment monitoring is being done from the MoEFCC/NABL accredited laboratory i.e. Go Green Mechanisms Pvt. Ltd., Nagpur
Photographs of laboratory is enclosed as Annexure 5.

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<td>ix.</td>
<td>As proposed in the EIA/EMP, Rs. 31.08 Cr and Rs. 0.313 Cr/annum shall be earmarked to meet the capital cost and recurring cost/annum for the environmental protection measures shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.</td>
<td>

During the revival of the plant company has invested more than Rs. 32 Crores for the installation and upgradation of Pollution Control Equipment's to maintain the particulate & gaseous emission levels within prescribed standards
The funds earmarked towards recurring cost will not be diverted for any other purpose.
The Expenditure for the Environment Protection measure during April 23 to Sept 23 are given below:

<table>
<tr><th rowspan="2">SN</th><th rowspan="2">Activity</th><th colspan="2">Environmental Expenditures (in Rs. Lakhs)</th></tr>
<tr><th>Capital Cost</th><th>Recurring (O & M) Expenditure</th></tr>
<tr><td>1</td><td>Air Pollution Control Measures</td><td rowspan="8">2.60</td><td>314.08</td></tr>
<tr><td>2</td><td>Water Pollution Control Measures</td><td>36.74</td></tr>
<tr><td>4</td><td>Environment Monitoring</td><td>11.93</td></tr>
<tr><td>5</td><td>Plantation & Greenbelt Development</td><td>18.79</td></tr>
<tr><td>6</td><td>Rainwater Harvesting</td><td>0</td></tr>
<tr><td>7</td><td>Waste Management</td><td>7.5</td></tr>
<tr><td>8</td><td>Environmental Awareness</td><td>1.11</td></tr>
<tr><td colspan="2">Total</td><td>2.60</td><td>390.15</td></tr>
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<tr>
<td>x.</td>
<td>Regional Office of this Ministry at Bhopal/Maharashtra Pollution Control Board/Central Pollution Control Board shall monitor the implementation of the stipulated conditions. Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly.</td>
<td>

Six monthly compliance status report along with monitoring data is being submitted to concern authority on regular basis.
Last Six-monthly compliance status and monitoring report for Oct 2022 – Mar 23 was submitted to regional office, MoEFCC, Nagpur & MPCB vide letter No. DCBL/ENV/MoEFCC/PLANT/EC/COMPL/052023/01 Dated 01.05.2023

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<tr>
<td>xi.</td>
<td>The Project Proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been</td>
<td>Complied with.
Company has been recovered from Insolvency through National Company Law Tribunal (NCLT) route, the older documents are not available.</td>
</tr>
</table>

	accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Maharashtra Pollution Control Board / Committee and may also be seen at Website of the Ministry and Forests at http://envfor.nic.in. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Ministry`s Regional Office at Bhopal.	
xii.	The 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 the date of start of land development work.	Noted and will be Complied.
5	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
6	The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.	Noted.
7	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, Hazardous Waste (Management &	Noted.

	Handling) Rules, 1989 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 along with their amendments and rules.	

Annexure -01

INSTALLATION OF CAAQMS AND CEMS

CAAQMS -01 installed at Plant Main Gate

CAAQMS -02 installed at CPP Area

CAAQMS -03 Installed at Crusher Area (Mines)

Installation of Opacity Meter for PM Monitoring at Major Stacks

Installation of CEMS for Gaseous Emission Monitoring at Raw Mill + Kiln and CPP

Annexure -02

ROAD SWEEPING MACHINE

Mechanical Road Sweeper deployed for Road Cleaning

Annexure 03

Sewage treatment plant

Sewage Treatment Plant Installed at Packing Plant Area

Sewage Treatment Plant Installed at CCR Area

Sewage Treatment Plant Installed at Temperory Hutment Area

Sewage Treatment Plant Installed at Admine Building Main Gate

ANNEXURE -04

GREEN BELT DEVELOPMENT

Plantation at Plant Area

ANNEXURE- 5

ENVIRONMENT LABORATORY