

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

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| Proposal Name | PROPOSED ENHANCEMENT OF CLINKER PRODUCTION FROM 3.043 MTPA TO 3.5 MTPA BY OPTIMIZING PROCESS OPERATION IN THE EXISTING UNITS BY MY HOME INDUSTRIES PRIVATE LIMITED, MELLACHERUVU (VILLAGE & MANDAL), SURYAPET DISTRICT, TELANGANA. | | |
| Name of Entity / Corporate Office | MY HOME INDUSTRIES PRIVATE LIMITED | | |
| Village(s) | N/A | | |
| District | SURYAPET | | |
| Proposal No. | IA/TG/IND/102408/2019 | Category | Industrial Projects - 1 |
| Plot / Survey / Khasra No. | N/A | Sub-District | N/A |
| State | TELANGANA | Entity's PAN | *****9480C |
| MoEF File No. | J-11011/215/2013-IA II (I) | Entity name as per PAN | MY HOME INDUSTRIES PRIVATE LIMITED |

Compliance Reporting Details

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| Reporting Year | 2024 |
| Remarks (if any) | Enclosed Six Monthly Environmental Clearance Compliance status report for the period April 2024 to September 2024 for Cement Plant I, II, III, located at Mellacheruvu (V and M). Suryapet district. |
| Reporting Period | 01 Dec(01 Apr - 30 Sep) |

Details of Production and Project Area

Name of Entity / Corporate Office MY HOME INDUSTRIES PRIVATE LIMITED

| | Project Area as per EC Granted | Actual Project Area in Possession |
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| Private | 160 | 160 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |
| Others | 0 | 0 |
| Total | 160 | 160 |

Production Capacity

| Sr. no | Product Name | units | Valid Upto | Capacity | Production last year | Capacity as per CTO |
|--------|--------------|-------------------------------|------------|----------|----------------------|---------------------|
| 1 | CLINKER | Million Tons per Annum (MTPA) | 30/06/2026 | 3.5 | 2.89229 | 3.5 |
| 2 | CEMENT | Million Tons per Annum (MTPA) | 30/06/2026 | 3.9 | 2.772987 | 3.9 |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details |
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| 1 | Statutory compliance | Stack emissions shall be maintained below 30 mg/Nm ³ . |
| <p>PPs Submission: Being Complied PM emissions being maintained below 30 mg/Nm³. Installed online Continuous Emission Monitoring System (CEMS), The data is uploading to CPCB and TGPCB portal 24/7. Six monthly reports being submitted to the MoEFCC-IRO, Hyderabad and TGPCB. Stack emission monitoring data from Apr 24 to Sept 24 is enclosed as Annexure 1.</p> | | Date: 07/11/2024 |
| 2 | Statutory compliance | The unit shall comply with all the revised norms of stack emissions prescribed in Environment (Protection) Rules, 1986 G.S.R. No. 612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 09/05/2016 (Cement) and 10/05/2016 (Co-processing Cement). |
| <p>PPs Submission: Being Complied Emissions are being complied as per latest norms prescribed for Cement plant in Environment (Protection) Rules, 1986 and subsequent amendments of Co-processing therein.</p> | | Date: 07/11/2024 |
| 3 | Statutory compliance | Rain water harvesting and recharge shall be more than the water consumption. |
| <p>PPs Submission: Being Complied Rain water harvested is 4,00,400 m³ per year which is more than water consumption. Water audit carried out through third party M/s. Siri Exergy and Carbon Advisory Services (P) Ltd., Hyderabad in February 2021 and report submitted vide letter No. MHIPL/ENV/2021-22/17 dated 12.05.2021. Rainwater harvesting and recharge pits are constructed in the plant premises and colony.</p> | | Date: 07/11/2024 |
| General Conditions | | |
| Sr.No. | Condition Type | Condition Details |
| 1 | Statutory compliance | The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and under the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee. |
| <p>PPs Submission: Being Complied We have obtained consents from the SPCB a) CFE Order No. 01/TGPCB/CFE/SPT/RO - NLG/HO/2020-216 Dated 19.05.2020. b) CFO Order: No. 210822979374 Dt. 30.07.2021 valid upto 30.06.2026</p> | | Date: 07/11/2024 |

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| 2 | WATER QUALITY MONITORING AND PRESERVATION | The project proponent shall install 24×7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 vide G.S.R. No. 612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 09/05/2016 (Cement) and 10/05/2016 (Co-processing Cement); S.O. 3305 (E) dated 07/12/2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. |
| PPs Submission: Being Complied Manufacturing of cement is in dry process there is no generation of process waste water. | | Date: 07/11/2024 |
| 3 | WATER QUALITY MONITORING AND PRESERVATION | The project proponent shall monitor regularly ground water quality at least twice a year (pre and post Monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories. |
| PPs Submission: Being Complied We have provided Piezometer to a bore well within the plant for continuous monitoring of ground water level and also get ground water quality tested from MoEFCC recognized laboratory. | | Date: 07/11/2024 |
| 4 | WATER QUALITY MONITORING AND PRESERVATION | The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. |
| PPs Submission: Being Complied Manufacturing of cement is in dry process; hence there is no generation of process waste water. | | Date: 07/11/2024 |
| 5 | WATER QUALITY MONITORING AND PRESERVATION | Adhere to “Zero Liquid Discharge”. |
| PPs Submission: Being Complied Return water from cooling system of various sections of Kiln, Roller Mills, Coal and cement mills is routed back to collection tank and recycled into system. Hence there is no generation of process wastewater. We ensure to maintain Zero Liquid Discharge. | | Date: 07/11/2024 |
| 6 | WATER QUALITY MONITORING AND PRESERVATION | Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards. |
| PPs Submission: Being Complied Domestic sewage is being treated in 400 KLD STP and treated water is used for greenbelt. Treated water is monthly analyzed by recognized laboratory. The values are within the notified standards | | Date: 07/11/2024 |
| 7 | WATER QUALITY MONITORING AND PRESERVATION | Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off. |
| PPs Submission: Being Complied Garland drains are provided to arrest the run-off in the event of heavy rain and surface run-off. | | Date: 07/11/2024 |
| 8 | WATER QUALITY | The project proponent shall practice rainwater harvesting to |

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| | MONITORING AND PRESERVATION | maximum possible extent. |
| PPs Submission: Being Complied Rain water harvested goes to a pit of approx. 4,00,00 m3 that helps to recharge ground water. Rainwater harvesting and recharge pits are constructed in the plant and colony | | Date: 07/11/2024 |
| 9 | WATER QUALITY MONITORING AND PRESERVATION | Water meters shall be provided at the inlet to all unit processes in the cement plant. |
| PPs Submission: Being Complied Category-wise flow meters are installed to quantify unit wise water consumption in cement plant. | | Date: 07/11/2024 |
| 10 | WATER QUALITY MONITORING AND PRESERVATION | The project proponent shall make efforts to minimize water consumption in the steel complex by segregation of used water, practicing cascade use and by recycling treated water. |
| PPs Submission: Being Complied It is cement manufacturing unit. Return water from cooling system of various sections of Kiln, Roller Mills, Coal and cement mills is routed back to collection tank and recycled into system. | | Date: 07/11/2024 |
| 11 | Noise Monitoring & Prevention | Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to the Regional Officer of the Ministry as a part of six-monthly compliance report. |
| PPs Submission: Being Complied The noise levels at work zone area and surrounding villages being monitored every quarter by recognized NABL laboratory and submitting to the Ministry as a part of six monthly compliance report | | Date: 07/11/2024 |
| 12 | Noise Monitoring & Prevention | The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz., 75 dB(A) during day time and 70 dB(A) during night time. |
| PPs Submission: Being Complied The ambient noise levels monitored and efforts are being made to maintain the noise levels within the prescribed limits. Acoustic enclosures provided to coal mills to reduce noise levels. All workers are provided ear plugs for use when working near high noise area. | | Date: 07/11/2024 |
| 13 | ENERGY PRESERVATION MEASURES | Waste heat recovery system shall be provided for kiln and cooler. |
| PPs Submission: Being Complied We have a 14-MW Power Plant based on Waste Heat Recovery Boiler (WHRB) Commissioned in December, 2016 for recovery of waste heat from kilns and coolers. | | Date: 07/11/2024 |
| 14 | ENERGY PRESERVATION MEASURES | The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker. |
| PPs Submission: Being Complied We are achieving power consumption 69.47 units / ton for PPC (PPC), 84.56 units / ton for OPC production and thermal energy consumption achieved is 714 Kcal/Kg of clinker from Apr 24- Sept 24. | | Date: 07/11/2024 |
| 15 | ENERGY PRESERVATION MEASURES | Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around |

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| | | project area and maintain the same regularly. | |
| | PPs Submission: Being Complied LED light system provided at all common areas, street lights, parking etc., solar water heater system provided at guest house and exploring other areas as first option of solar power utilization. | | Date: 07/11/2024 |
| 16 | ENERGY PRESERVATION MEASURES | Provide the project proponent for LED lights in their offices and residential areas. | |
| | PPs Submission: Being Complied LED lights are provided in office room and residential township. | | Date: 07/11/2024 |
| 17 | ENERGY PRESERVATION MEASURES | Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards. | |
| | PPs Submission: Being Complied Total 96,429.52 MT of fly ash and bottom ash had been utilized for manufacture of PPC production from Apr 24 to Sept 24. Achieved 30.94 Percent of fly ash and Slag 0.97 Percent had been utilized in manufacture of PPC as per BIS standards. | | Date: 07/11/2024 |
| 18 | ENERGY PRESERVATION MEASURES | Maximize utilization of alternate fuels and co-processing to achieve best practice norms. | |
| | PPs Submission: Being Complied We have commissioned system for co-processing of liquid organic waste in cement kilns in March 2012. Organic Liquid Waste (Spent Solvents) from pharma industries being utilized as alternate fuel (AF) along with coal in our Kilns. The Organic waste co-processed during Apr 24 to Sept 24 is 10797.255 MT. | | Date: 07/11/2024 |
| 19 | WASTE MANAGEMENT | Used refractories shall be recycled as far as possible. | |
| | PPs Submission: Being Complied Used refractory bricks are sold back to the supplier / vendor and leftover is utilized for in-house civil works. | | Date: 07/11/2024 |
| 20 | WASTE MANAGEMENT | The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016. | |
| | PPs Submission: Being Complied Part of the waste oil / grease is co-processed in kilns and partly reused in-house as lubricant in mechanical equipments. | | Date: 07/11/2024 |
| 21 | WASTE MANAGEMENT | Kitchen waste shall be composted or converted to biogas for further use. | |
| | PPs Submission: Being Complied Bio composter is installed to compost kitchen waste and output is utilized as manure in greenbelt. | | Date: 07/11/2024 |
| 22 | GREENBELT | Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant. | |
| | PPs Submission: Being Complied Overall greenbelt area developed is 68.0 Ha. i.e. (42 Percent) of cement plant area 160 Ha. Further, greenbelt along periphery of the cement plant and at open areas is being strengthened. For the period of Apr 24 to Sep 24 We are developed 3,900 Nos. of native saplings in an area of 2.38 Ha. In cement plant premises. | | Date: 07/11/2024 |

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| 23 | GREENBELT | The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation. |
| PPs Submission: Being Complied Carbon Sequestration study was carried out by external agency M/s. Siri Exergy and Carbon Advisory Services (P) Ltd., Hyderabad in February 2021 and report is submitted vide letter No. MHIPL/ENV/2021-22/17 dated 12.05.2021. | | Date: 07/11/2024 |
| 24 | PUBLIC HEARING | Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. |
| PPs Submission: Being Complied Emergency preparedness plan and Disaster Management Plan implemented at site. | | Date: 07/11/2024 |
| 25 | PUBLIC HEARING | The Project Proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act. |
| PPs Submission: Being Complied Under normal operation of the unit, man power is not required to work near high temperature work zone. However, as per the necessity workmen are provided with heat retardant suits. As per norms, all employees and workers are provided with mandatory PPEs. | | Date: 07/11/2024 |
| 26 | MISCELLANEOUS | The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movements) Rules, 2016 and the Public Liability Insurance Act,1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter. |
| PPs Submission: Complied ----- | | Date: 07/11/2024 |
| 27 | MISCELLANEOUS | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010. |
| PPs Submission: Complied ----- | | Date: 07/11/2024 |
| 28 | PUBLIC HEARING | 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. |
| PPs Submission: Being Complied Temporary structures for housing of construction labour with all necessary infrastructures provided. | | Date: 07/11/2024 |
| 29 | PUBLIC HEARING | Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act. |

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| <p>PPs Submission: Being Complied Annual medical check-up conducted for all employees (367 nos.) by external diagnostic laboratory M/s. Yodha Diagnosis, Hyderabad on 10th - 11th Sep, 2023 as required under Factories Act. The records of the same are being maintained.</p> | | <p>Date: 07/11/2024</p> |
| 30 | Corporate Environmental Responsibility | The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility. |
| <p>PPs Submission: Being Complied We are complying with the provisions of Corporate Environment Responsibility.</p> | | <p>Date: 07/11/2024</p> |
| 31 | Corporate Environmental Responsibility | The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviations / violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviations / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. |
| <p>PPs Submission: Being Complied Quality, Health, Environment and Safety Policy (QHES Policy) framed. We obtained ISO 14001:2015 for Environmental Management System from BSI.</p> | | <p>Date: 07/11/2024</p> |
| 32 | Corporate Environmental Responsibility | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be setup under the control of Senior Executive, who will directly to the head of the organization. |
| <p>PPs Submission: Being Complied Separate Environment cell exists at site and corporate office with qualified personnel which are under control of Senior Executive, heading the Organization.</p> | | <p>Date: 07/11/2024</p> |
| 33 | Corporate Environmental Responsibility | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year-wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with Six monthly Compliance Report. |
| <p>PPs Submission: Being Complied Separate Funds was earmarked towards recurring cost/annum for environmental equipment and pollution control measures. Sl. No. Year Wise Amount (Lakhs) 1. 2020-21 989.2 2. 2021-22 1111.15 3. 2022-23 1320 4. 2023-24 286.4 5. Apr 24- Sep 24 123.58 During the period Apr 24 to Sep 24, MHIPL has spent Rs. 123.58 lakhs towards recurring expenditure for pollution control and Environmental protection measures.</p> | | <p>Date: 07/11/2024</p> |
| 34 | Corporate Environmental Responsibility | Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. |
| <p>PPs Submission: Being Complied Annual Self-environmental audit was conducted Audit checklist are enclosed in Annexure 13</p> | | <p>Date: 07/11/2024</p> |
| 35 | Corporate Environmental | All the recommendations made in the Charter on Corporate |

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| | Responsibility | Responsibility for Environment Protection (CREP) for the cement plants shall be implemented. |
| PPs Submission: Being Complied Efforts are being made to follow the CREP guidelines pertaining to cement plants. | | Date: 07/11/2024 |
| 36 | MISCELLANEOUS | The project proponent shall make public the Environmental Clearance granted for their project along with the environmental conditions and safe guards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. |
| PPs Submission: Complied Grant of Environmental Clearance published in Local Newspaper (Telugu) NAMASTE TELANGANA and INDIAN EXPRESS dated 06th February, 2020. | | Date: 07/11/2024 |
| 37 | MISCELLANEOUS | The copies of the environmental clearances shall be submitted by the project proponents to the heads of local bodies, panchayats and Municipal Bodies in addition to the relevant office of the Government who in turn has to display the same for 30 days from the date of receipt. |
| PPs Submission: Complied The Environmental Clearance letter submitted to concern Gram Panchayat vide Letter No. MHIL/ENV/2019-20 Dated 05.02.2020. | | Date: 07/11/2024 |
| 38 | MISCELLANEOUS | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including result of monitored data on their website and update the same on half-yearly basis. |
| PPs Submission: Being Complied Six monthly EC Compliance reports with status of compliance and monitoring results are updated in our company website www.mahacement.com/environment/ | | Date: 07/11/2024 |
| 39 | MISCELLANEOUS | The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient level as well as stack emission) or critical sectoral parameters, indicated for the project and display the same at a convenient location for disclosure to the public and put on the website of the company. |
| PPs Submission: Being Complied Display board installed at main gate to display the environmental parameter results to public domain. | | Date: 07/11/2024 |
| 40 | MISCELLANEOUS | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the MoEF&CC at environment clearance portal. |
| PPs Submission: Being Complied Reports are submitted /uploaded in Parivesh Portal as per MoEFCC OM dt 14.06.2022 and also to TGPCB once in six months. | | Date: 07/11/2024 |
| 41 | MISCELLANEOUS | The project proponent shall submit the Environmental Statement for each financial year in Form-V to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. |

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| <p>PPs Submission: Being Complied Environmental statement (Form-V) for the year 2023-24 submitted on 19.09.2024 vide letter our Ref No. MHIPL / MCW / ENV / 2024 / 182 Dt: 19.09.2024 and uploaded in our company website www.mahacement.com/environment/</p> | | <p>Date: 07/11/2024</p> |
| 42 | MISCELLANEOUS | The project proponent 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, commencing the land development work and start of production operation by the project. |
| <p>PPs Submission: Being Complied Production enhancement capacity of Unit-I,II,III obtained from MOEFCC for Existing cement plant vide EC.No. F. No. J-11011/215/2013-IA.II (I) Dated 21.01.2020. Further, CFE communication letter was submitted to Regional office TSPCB on 20.05.2020 Ltr No: MHIPL/MCW/ENV/2020/21/17.</p> | | <p>Date: 07/11/2024</p> |
| 43 | MISCELLANEOUS | The project authorities must strictly adhere to the stipulations made by the SPCB and State Government. |
| <p>PPs Submission: Being Complied Stipulations made by the SPCB and State Government will be adhered accordingly.</p> | | <p>Date: 07/11/2024</p> |
| 44 | MISCELLANEOUS | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee. |
| <p>PPs Submission: Agreed to Comply Agreed</p> | | <p>Date: 07/11/2024</p> |
| 45 | MISCELLANEOUS | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). |
| <p>PPs Submission: Being Complied Expansion of cement plant with Clinker production from 3.5 MTPA to 7.0 MTPA and Cement production from 3.9 MTPA to 6.4 MTPA (OPC/PPC/PSC/CC) by enhancement of capacity of in Unit-IV (Under Implementation) Clinker production from 1.75 to 3.5 MTPA and Cement production capacity from 1.75 to 2.5 MTPA vide EC No. IA-J-11011/215/2013-IA-II(IND-I) dt. 02.07.2024.</p> | | <p>Date: 07/11/2024</p> |
| 46 | MISCELLANEOUS | Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. |
| <p>PPs Submission: Complied Agreed</p> | | <p>Date: 07/11/2024</p> |
| 47 | MISCELLANEOUS | The Ministry may revoke or suspend the clearance, if implementation of any of the conditions is not satisfactory. |
| <p>PPs Submission: Complied Agreed</p> | | <p>Date: 07/11/2024</p> |
| 48 | MISCELLANEOUS | The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions. |

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| <p>PPs Submission: Being Complied Agreed and will be followed accordingly.</p> | | <p>Date: 07/11/2024</p> |
| 49 | MISCELLANEOUS | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of Regional Office by furnishing the requisite data / information / monitoring reports. |
| <p>PPs Submission: Being Complied MHIPL will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information / monitoring reports.</p> | | <p>Date: 07/11/2024</p> |
| 50 | MISCELLANEOUS | The PP shall obtain fresh environmental clearance in case of change in scope of the project if any. |
| <p>PPs Submission: Being Complied There is no change scope of the project, Clinker and cement production are given below Years Clinker Cement Apr-24 0.142 0.163 May-24 0.093 0.148 Jun-24 0.147 0.139 Jul-24 0.159 0.156 Aug-24 0.107 0.215 Sep-24 0.123 0.155</p> | | <p>Date: 18/11/2024</p> |
| 51 | AIR QUALITY MONITORING AND PRESERVATION | Provide wind shelter fence and chemical spraying on raw material stock piles; and provide low NOx burners as primary measures and SCR/NSCR technologies as secondary measure to control NOx emissions. Have separate truck parking area and monitor vehicular emissions at regular interval. |
| <p>PPs Submission: Being Complied Raw materials are being stored in covered sheds. Also, provided wind shelter fencing with water sprinkling system for coal storage yard to control fugitive emissions. Low NOx burners provided for all kilns to control NOx emissions. Separate Cement Concreted truck parking area is available. Transport vehicles are periodically checked for valid Pollution under Control (PUC) certificate issued by RTA approved testing agency/center.</p> | | <p>Date: 07/11/2024</p> |
| 52 | AIR QUALITY MONITORING AND PRESERVATION | Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts / railways as a mode of transport. |
| <p>PPs Submission: Being Complied Separate railway siding was commissioned in March 2012 from Mellacheruvu RS to our factory to transport raw materials and cement. Nearly 99 Percent of clinker is transported through rail; Most of the cement dispatches and coal receipts are through railway only thereby reducing the impact on the surrounding environment caused by transportation activity.</p> | | <p>Date: 07/11/2024</p> |
| 53 | AIR QUALITY MONITORING AND PRESERVATION | Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, and cement bagging plants. |
| <p>PPs Submission: Being Complied Cement bagging plant is open and adequate ventilation is present. Manual work area air monitoring is carried out monthly to check for presence of PM in the area. All the working staff in bagging section area mandatorily made to wear nose mask and other appropriate protective PPE.</p> | | <p>Date: 07/11/2024</p> |
| 54 | Statutory compliance | The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from competent authority concerned in case of drawl of surface water required for the project. |

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| <p>PPs Submission: Being Complied NOC obtained from Ground water Dept Government of Telangana state, Suryapet and Validity Upto 02.10.2025</p> | | <p>Date: 07/11/2024</p> |
| 55 | Statutory compliance | The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from to time. |
| <p>PPs Submission: Being Complied Hazardous waste authorization is combined in CFO issued by SPCB, obtained vide Consent Order: No. 210822979374 Dt. 30.07.2021 valid upto 30.06.2026.</p> | | <p>Date: 07/11/2024</p> |
| 56 | AIR QUALITY MONITORING AND PRESERVATION | The project proponent shall install 24×7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed Environment (Protection) Rules, 1986 G.S.R. No.612 (E) dated 25/08/2014 (Cement) and subsequent amendment dated 09/05/2016 (Cement) and 10/05/2016 (Co-processing Cement); S.O. 3305 (E) Dated 07/12/2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. |
| <p>PPs Submission: Complied Continuous Emission Monitoring System (CEMS) for 14 stacks installed and connected to online servers of TGPCB and CPCB. 1. Kiln stack - 3 nos. 2. ESP-Cooler stack - 3 nos. 3. Coal mill stack - 3 nos. 4. Cement Mill stack - 5 nos. Manual monitoring of Stack emission is also being carried out monthly by MoEFCC accredited laboratory and report being submitted to CPCB and TGPCB.</p> | | <p>Date: 07/11/2024</p> |
| 57 | AIR QUALITY MONITORING AND PRESERVATION | The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986. |
| <p>PPs Submission: Complied Fugitive emissions being monitored monthly through MoEFCC and NABL accredited laboratory of M/s. Lawn Enviro Private Limited. Fugitive emission data is enclosed as Annexure 2.</p> | | <p>Date: 07/11/2024</p> |
| 58 | AIR QUALITY MONITORING AND PRESERVATION | The project proponent shall install system carryout to Continuous Ambient Air Quality monitor for common / criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 & NOx in reference to SO2 and NOx) within and outside the plant area at least four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions. |
| <p>PPs Submission: Being Complied Installed 5 Nos. Continuous Ambient Air Quality monitoring Stations viz., upwind, downwind, crosswind, Captive limestone mine and within cement plant to monitor PM10, PM2.5, SO2 and NOx. The data is continuously transmitted to TGPCB and CPCB portals. CAAQMS data updating in TGPCB is enclosed as Annexure 1.</p> | | <p>Date: 07/11/2024</p> |
| 59 | AIR QUALITY MONITORING AND PRESERVATION | The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. |

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| <p>PPs Submission: Being Complied Connected all 14 stacks to online Continuous Emission Monitoring System (CEMS) of SPCB and CPCB servers. 1. Kiln stack - 3 Nos. 2. ESP-Cooler - 3 Nos. 3. Coal mill stack - 3 Nos. 4. Cement Mill stack - 5 Nos. Manual monitoring of Stack emission and Ambient air quality being carried out monthly by MoEFCC recognized laboratory and reports submitted to CPCB and TGPCB. CEMS month wise monitoring data is enclosed as Annexure 1.</p> | | <p>Date: 07/11/2024</p> |
| 60 | <p>AIR QUALITY MONITORING AND PRESERVATION</p> | <p>Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.</p> |
| <p>PPs Submission: Being Complied Air Pollution Control (APC) systems are installed. Dust collectors and extraction systems at various sections for controlling fugitive dust emissions are as follows: i. Raw mill and Kiln RABH ii. Cooler ESP iii. Limestone crusher, Coal Mill and Cement Mill Bag House iv. All transfer points Jet Pulse Bag Filters v. Limestone dump hopper Water spray system Limestone stackers Water spray system All transfer points and storage silos are provided with dust collection and extraction systems for effective control of fugitive emissions. All the installed pollution control equipments are designed for Less than 30 mg/Nm³. vi. The dust collected from the pollution control equipment is 100 Percent recycled back into the process.</p> | | <p>Date: 07/11/2024</p> |
| 61 | <p>AIR QUALITY MONITORING AND PRESERVATION</p> | <p>The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</p> |
| <p>PPs Submission: Being Complied Mechanized bag cleaning facility is in place for all bag houses and bag filters are auto-operated by solenoid valve system.</p> | | <p>Date: 07/11/2024</p> |
| 62 | <p>AIR QUALITY MONITORING AND PRESERVATION</p> | <p>Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.</p> |
| <p>PPs Submission: Being Complied Recommendations made in the CREP for cement plants are being followed and complying. Compliance report is enclosed as Annexure-3.</p> | | <p>Date: 07/11/2024</p> |
| 63 | <p>AIR QUALITY MONITORING AND PRESERVATION</p> | <p>Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.</p> |
| <p>PPs Submission: Being Complied Truck mounted vacuum cleaner and road sweepers being operated for maintaining good housekeeping.</p> | | <p>Date: 07/11/2024</p> |
| 64 | <p>AIR QUALITY MONITORING AND PRESERVATION</p> | <p>Recycle and reuse lime fines, coal fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after agglomeration.</p> |
| <p>PPs Submission: Being Complied Dust collected from pollution control equipment is 100 Percent recycled in cement manufacturing.</p> | | <p>Date: 07/11/2024</p> |
| 65 | <p>AIR QUALITY MONITORING AND PRESERVATION</p> | <p>Ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; use closed bulkers for carrying fly ash.</p> |
| <p>PPs Submission: Being Complied</p> | | <p>Date:</p> |

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| Most of the raw material and cement is transported by rail and trucks covered with tarpaulin to prevent spillage and dust generation. Fly ash is conveyed pneumatically in bulk tankers. | | 07/11/2024 |
| 66 | MISCELLANEOUS | All other terms and conditions mentioned in the earlier Environmental Clearances accorded vide letter dated 07.10.1996, 13.09.2001, 25.05.2006, 11.06.2008, 15.12.2014 and 14.09.2015 shall remain unchanged. |
| PPs Submission: Complied Agreed | | Date: 07/11/2024 |
| Visit Remarks | | |
| Last Site Visit Report Date: | | 08/11/2023 |
| Additional Remarks: | | |
| <p>Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p> | | |