

**Half Yearly Compliance Report  
2024**

**01 Dec(01 Apr - 30 Sep)**

**Acknowledgement**

<b>Proposal Name</b>	Expansion of cement plant of My Home Industries Private Limited – Clinker production from 3.5 MTPA to 7.0 MTPA & 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 & Cement production capacity from 1.75 to 2.5 MTPA		
<b>Name of Entity / Corporate Office</b>	MY HOME INDUSTRIES PRIVATE LIMITED		
<b>Village(s)</b>	Mella Cheruvu		
<b>District</b>	SURYAPET		
<b>Proposal No.</b>	IA/TG/IND1/455170/2023		
<b>Plot / Survey / Khasra No.</b>	876, 884, 1057, 1066,1065, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1075, 1081, 1080, 1084, 1094, 1095, 1096, 1097, 1098 & 1099		
<b>State</b>	TELANGANA		
<b>MoEF File No.</b>	IA-J-11011/215/2013-IA-II(IND-I)		
<b>Category</b>	Industrial Projects - 1		
<b>Sub-District</b>	MellaChervu		
<b>Entity's PAN</b>	*****9480C		
<b>Entity name as per PAN</b>	MY HOME INDUSTRIES PRIVATE LIMITED		

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	Enclosed herewith EC compliance reports for the period of April 24 to September 24 of Cement Plant Unit-IV
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)

**Details of Production and Project Area**

**Name of Entity / Corporate Office** MY HOME INDUSTRIES PRIVATE LIMITED

	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	160	160
Revenue Land	0	0
Forest	0	0
Others	0	0
<b>Total</b>	<b>160</b>	<b>160</b>

Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Cement	Million Tons per Annum (MTPA)	31/08/2025	2.50	0.0731	1.75
2	Clinker	Million Tons per Annum (MTPA)	31/08/2025	3.50	0.0605	3.50

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The health of the soil in the vicinity (5 km radius) must be monitored and reported to the IRO, MoEFCC, once in a year.
<b>PPs Submission:</b> Agreed to Comply Soil analysis is being monitored through NABL accredited laboratory recognized by MoEFCC.		Date: 12/11/2024
2	Corporate Environmental Responsibility	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village.
<b>PPs Submission:</b> Agreed to Comply Will be explored		Date: 12/11/2024
3	Statutory compliance	This EC is granted subject to final outcome of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, if any, as may be applicable to this project.
<b>PPs Submission:</b> Complied ---		Date: 12/11/2024
4	Statutory compliance	The project proponent shall strictly comply with the observations of IRO and submit the status to IRO, MoEFCC.
<b>PPs Submission:</b> Agreed to Comply Compliance status of IRO observations will be submitted to IRO, MoEFCC.		Date: 12/11/2024
5	Statutory compliance	The maximum expanded capacity as per this EC is subject to availability and supply of increased limestone requirement from the existing integrated captive limestone mines. The Project Proponent shall limit its production of clinker and cement to the capacity corresponding to availability and supply of limestone from the captive mines running with valid EC, till the EC for expansion of its existing captive limestone mines is obtained to meet the further requirement of limestone.
<b>PPs Submission:</b> Being Complied		Date:

S. No. Particulars of captive limestone Mines in operation EC permitted production capacities (in MTPA) Proposed expansion (in MTPA) Total after expansion (in MTPA) 1 Mellacheruvu Limestone Mine (141.644 ha); 1.95 - 1.95 2 Yepalamadhavaram Limestone Mine(89.37 ha); 0.66 0.264 0.924 3 Choutapalli Limestone Mine (262.247 ha); 1.82 - 1.82 4 Choutapalli Limestone Mine-II (156.586 ha); 2.72 2.28 5.00 5 My Home Limestone Mine-II (252.407 ha). 1.00 - 1.0 Total 8.15 2.28 10.694 Present EC permitted capacity for limestone production is 8.15 MTPA. Limestone requirement for production capacity of Unit-IV Clinker -3.5 MTPA is 5.075 MTPA.		12/11/2024
6	GREENBELT	Three tier Green Belt shall be developed in at least 33Percent of the project area in a period of one year all along the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees and broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution and noise levels towards sensitive areas such as schools and villages nearby project site. As committed, the additional greenbelt shall be developed all along the eastern and southern boundary. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEFCC. In addition to this PP shall revise the Green Belt Plan to maintain sizable GB width along inside boundary instead of proposed plant designs shown in the layout plan.
<b>PPs Submission:</b> Being Complied Overall greenbelt area developed is 68.0 Ha. (Cement Plant area160 Ha.) by planting of 69219 Nos. (42 Percent). In continual process further greenbelt development is being strengthened in eastern and southern boundary and road sides within and outside of cement plant.		Date: 12/11/2024
7	Corporate Environmental Responsibility	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministrys OM dated 30.09.2020 amounting to Rs. 16.5 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEFCC.
<b>PPs Submission:</b> Agreed to Comply All commitment made in socio-economic development of the nearby villages are being implemented in consultation with local body and villages. Details of implementation and spending will be submitted in six monthly report.		Date: 12/11/2024
8	Statutory compliance	This EC granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
<b>PPs Submission:</b> Agreed to Comply Agreed to comply		Date: 12/11/2024
9	Statutory compliance	This Environmental clearance is granted subject to final outcome of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, if any, as may be applicable to this project.
<b>PPs Submission:</b> Agreed to Comply		Date:

Agreed to comply		12/11/2024
10	Statutory compliance	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
<b>PPs Submission:</b> Being Complied All environmental protection measures and safeguards are being implemented.		Date: 12/11/2024
11	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEFCC in this regard.
<b>PPs Submission:</b> Agreed to Comply Technology will be implemented for capturing of carbon emitted by developing carbon sequestration resource. Report will be submitted to IRO, MoEFCC.		Date: 12/11/2024
12	GREENBELT	Mellacheruvu is at distance of 0.12 km in the ENE of the project site along with other sensitive areas within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. PP needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
<b>PPs Submission:</b> Being Complied All environmental protection measures and safeguards are implemented to minimize the impact on the habitation. Overall greenbelt area developed is 68.0 Ha. (Cement Plant area 160 Ha.) by planting of 69219 Nos. (42 Percent). Greenbelt will be further strengthened in and around cement plant.		Date: 12/11/2024
13	WATER QUALITY MONITORING AND PRESERVATION	Ura Vagu is Adjacent and another canal at 0.68 km in NNE of the project site along with other water bodies near within the study area. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
<b>PPs Submission:</b> Being Complied Natural canals are protected and plantation developed for Soil conservation and erosion control.		Date: 12/11/2024
14	Statutory compliance	The project proponent shall ensure raw material security for the expansion project by obtaining necessary permissions for expansion of its interlinked limestone mining operations.
<b>PPs Submission:</b> Being Complied Present EC permitted capacity for limestone production is 8.15 MTPA. Limestone requirement for production capacity of Unit-IV Clinker -3.5 MTPA is 5.075 MTPA.		Date: 12/11/2024
15	WATER QUALITY MONITORING AND PRESERVATION	Total water requirement of 2390 m <sup>3</sup> /day shall be sourced from Krishna River. PP shall obtain necessary permission from the Competent Authority in this regard. No ground water abstraction is permitted.

**PPs Submission:** Being Complied  
 Permission for with drawl of 2400 KL/Day is obtained from Competent Authority with vide Lr No. Proc. No.CE (I)-SRPT/DCE/O.T-2/AEE/TS-iPASS/M/S MHIPL/Water allocation /471 m Dt. 06.01.2022

Date:  
12/11/2024

## General Conditions

Sr.No.	Condition Type	Condition Details
1	WASTE MANAGEMENT	proper action plan must be implemented to dispose of the electronic waste generated in the industry.
<p><b>PPs Submission:</b> Agreed to Comply            Electronic waste will be dispose to authorized recycler.</p>		Date: 12/11/2024
2	Noise Monitoring & Prevention	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.
<p><b>PPs Submission:</b> 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. Noise levels are being monitored within the plant, noise levels are recorded within 90 dBA. However, we are provided with earmuffs as PPE for workers.</p>		Date: 12/11/2024
3	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
<p><b>PPs Submission:</b> Complied            All Pollution control system had been installed for cement plant as per the CREP Guidelines of CPCB.</p>		Date: 12/11/2024
4	AIR QUALITY MONITORING AND PRESERVATION	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.
<p><b>PPs Submission:</b> Agreed to Comply            Coke/coal dust during operational stages at Captive Power Plant by using personal and area air samplers will be monitored.</p>		Date: 12/11/2024
5	AIR QUALITY MONITORING AND PRESERVATION	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m <sup>3</sup> , respirable dust fraction containing less than 5 percent quartz as per Indian Factories Act, 1948.
<p><b>PPs Submission:</b> Agreed to Comply            Coal dust will be monitored at coal unloading, crushing, furnace areas through NABL accreted Laboratory recognized by MOEFCC.</p>		Date: 12/11/2024
6	AIR QUALITY MONITORING AND PRESERVATION	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm <sup>3</sup> by using best available technology.
<p><b>PPs Submission:</b> Being Complied            SOx emission levels are maintained within the prescribed standards. Low Nox Burner are installed</p>		Date: 12/11/2024

in cement kiln for controlling NOx emissions. NOx levels are being monitored through NABL accredited laboratory, emission values are maintain well within the prescribed limits		
7	AIR QUALITY MONITORING AND PRESERVATION	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.
<b>PPs Submission:</b> Being Complied Pet coke is being used along with raw coal in kiln firing through solid flow meters for controlling. SO2 emissions are being maintained within prescribed standards.		Date: 12/11/2024
8	AIR QUALITY MONITORING AND PRESERVATION	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
<b>PPs Submission:</b> Complied There is no fluoride emission.		Date: 12/11/2024
9	Noise Monitoring & Prevention	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
<b>PPs Submission:</b> Being Complied Noise pollution control measures of acoustic hoods, silencers, enclosures, etc., under progress. PPE provided to all employees. Ambient noise levels monitoring are being carried out quarterly by MoEFCC recognized laboratory. The report are being submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.		Date: 12/11/2024
10	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.
<b>PPs Submission:</b> Being Complied Ambient noise levels monitoring are being carried out quarterly by MoEFCC recognized laboratory, Noise levels are being maintained within prescribed standards.		Date: 12/11/2024
11	ENERGY PRESERVATION MEASURES	Provide LED lights in their offices and residential areas.
<b>PPs Submission:</b> Being Complied LED light system provided at all common areas, street lights, parking etc.		Date: 12/11/2024
12	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.
<b>PPs Submission:</b> Agreed to Comply Efforts will be made to achieve power and thermal energy consumption as per the given production standard.		Date: 12/11/2024
13	ENERGY PRESERVATION MEASURES	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
<b>PPs Submission:</b> Being Complied Fly ash from our captive power plants is 100 Percent utilized in manufacture of PPC as per BIS		Date: 12/11/2024

	standards.	
14	ENERGY PRESERVATION MEASURES	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
<p><b>PPs Submission:</b> Being Complied</p> <p>We have provided alternative fuel and raw material feeding system with processing capacity of approx.. 40 Tons/hr for co-processing of high calorific wastes such as refuse derived fuels in our cement kiln. Separate shed is provided with capacity of 1500 MT for storage of alternative fuel raw material.</p>		Date: 12/11/2024
15	ENERGY PRESERVATION MEASURES	Waste heat recovery system shall be provided for kiln and cooler.
<p><b>PPs Submission:</b> Being Complied</p> <p>We have installed 14 MW WHRB power plant for full utilization of gases generated from the kiln. CTO is obtained from the TGPCB with vide order No. 230524818058 Dt. 04.11.2023 and validity upto 31.08.2025.</p>		Date: 12/11/2024
16	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
<p><b>PPs Submission:</b> Being Complied</p> <p>Annual medical check-up conducted for all employees 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>		Date: 12/11/2024
17	Corporate Environmental Responsibility	The company shall have a well laid down environmental policy duly approve 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/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / 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 MoEFCC as a part of six-monthly report.
<p><b>PPs Submission:</b> Being Complied</p> <p>Integrated Management System (Quality, Health, Environment and Safety Policy (IMS Policy) framed. We obtained ISO 14001:2015 for Environmental Management System from BSI. IMS certificates are presented in Annexure-X</p>		Date: 12/11/2024
18	Corporate Environmental Responsibility	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEFCC.
<p><b>PPs Submission:</b> Agreed to Comply</p> <p>Performance test will be conducted on pollution control systems and report will be submitted to Integrated Regional Office of the MoEFCC.</p>		Date: 12/11/2024
19	MISCELLANEOUS	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards 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 proponents website permanently.

<p><b>PPs Submission:</b> Complied Granting of EC was published in The HANS INDIA and Namaste Telangana on 9th July, 2024.</p>		<p>Date: 12/11/2024</p>
20	MISCELLANEOUS	<p>The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</p>
<p><b>PPs Submission:</b> Complied Copy of the environmental clearance is submitted in Gram Panchayats vide Lr. MHIPL/MCW/2024-144 dt. 11.07.2024.</p>		<p>Date: 12/11/2024</p>
21	MISCELLANEOUS	<p>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>
<p><b>PPs Submission:</b> Being Complied Separate budget is allocated and being implementing of concerns raised during Public Hearing (PH) issues and other commitments made in the EIA/EMP in consultation with local body based on local needs requirement. The Expenditure incurred on concerns are given below: Year Total amount spent under CER (Lakh Rs.) 2021 - 22 104.08 2022 - 23 141.28 2023 - 24 107.60 2024-25 (Apr24-Sept 24) 35.76</p>		<p>Date: 20/11/2024</p>
22	MISCELLANEOUS	<p>No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).</p>
<p><b>PPs Submission:</b> Being Complied Will be followed accordingly.</p>		<p>Date: 20/11/2024</p>
23	Corporate Environmental Responsibility	<p>The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017- IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.</p>
<p><b>PPs Submission:</b> Being Complied Community development activities are being taken up in co-ordination with local panchayat. Year wise expenditure under CER at nearby villages as follows. Year Total amount spent under CER (Lakh Rs.) 2021 - 22 104.08 2022 - 23 141.28 2023 - 24 107.60 2024-25 (Apr 24-Sept 24) 35.76 Some of the activities as follows: Skilled development scheme implemented for sustainability near Mellacheruvu and surrounding areas. Infrastructure and sustainable development fund donated to nearby villages viz., Mellacheruvu, Venkatrampuram, Yepalamadhavaram, Choutapalli and Mattampally.</p>		<p>Date: 20/11/2024</p>
24	MISCELLANEOUS	<p>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.</p>
<p><b>PPs Submission:</b> Complied -----</p>		<p>Date: 12/11/2024</p>
25	Statutory compliance	<p>The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its</p>



		amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
<b>PPs Submission:</b> Agreed to Comply Agreed to comply		Date: 12/11/2024
26	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be 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.
<b>PPs Submission:</b> Being Complied 5 Nos. of CAAQMS have been installed and connected to CPCB and TGPCB server. Online stack monitoring analyzers are installed for Kiln and raw mill, Clinker cooler, Coal mill and Cement mill. Stack emissions are being monitoring and maintained within prescribed limit. Online connectivity to CPCB server is completed and connectivity to TGPCB server is under Progress. Calibration of CAAQMS and CEMS will be done as per Original equipment Manufacture (OEM) specification.		Date: 12/11/2024
27	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120 degree each), covering upwind and downwind directions.
<b>PPs Submission:</b> Being Complied 4 Nos. of CAAQMS have been installed in Upwind direction, Downwind direction, Crosswind direction and within cement plant and are connected to CPCB and TGPCB server.		Date: 12/11/2024
28	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
<b>PPs Submission:</b> Being Complied Fugitive emissions being monitored monthly through MoEFCC and NABL accredited laboratory.		Date: 12/11/2024
29	AIR QUALITY MONITORING AND PRESERVATION	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
<b>PPs Submission:</b> Complied Sampling facility is provided at major process stacks as per CPCB guidelines for manual monitoring of emissions.		Date: 12/11/2024
30	AIR QUALITY MONITORING AND PRESERVATION	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><b>PPs Submission: Being Complied</b> 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 Pulse Jet Bag House ii. Clinker Cooler - ESP iii. Limestone crusher, Coal Mill and Cement Mill - Bag House iv. All transfer points - 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. Major stack emissions are being maintained within prescribed standards of 30 mg/Nm<sup>3</sup>.</p>		<p>Date: 12/11/2024</p>
31	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.</p>
<p><b>PPs Submission: Being Complied</b> Mechanized bag cleaning facility is in place for all bag houses and bag filters are auto-operated by solenoid valve system.</p>		<p>Date: 12/11/2024</p>
32	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.</p>
<p><b>PPs Submission: Being Complied</b> Truck mounted vacuum cleaner, road sweepers and hand operated flipper machines are utilized and good housekeeping is being maintained for controlling secondary fugitive dust emissions.</p>		<p>Date: 12/11/2024</p>
33	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.</p>
<p><b>PPs Submission: Being Complied</b> Most of the raw material and cement is transported by rail and trucks covered with tarpaulin to prevent spillage and dust generation.</p>		<p>Date: 12/11/2024</p>
34	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.</p>
<p><b>PPs Submission: Complied</b> Not Applicable. It is cement manufacturing plant, There is no primary and secondary fume extraction system.</p>		<p>Date: 12/11/2024</p>
35	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.</p>
<p><b>PPs Submission: Being Complied</b> 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.</p>		<p>Date: 12/11/2024</p>
36	<p><b>AIR QUALITY MONITORING AND PRESERVATION</b></p>	<p>Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.</p>
<p><b>PPs Submission: Being Complied</b> 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: 12/11/2024</p>

37	AIR QUALITY MONITORING AND PRESERVATION	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
<p><b>PPs Submission:</b> Complied</p> <p>The following Air Pollution Control systems are installed to control PM emission: 1. Raw Mill Bag House Kiln, 2. Electrostatic Precipitator (ESP) - Cooler and 3. Bag house / Bag filters - Cement mill, coal mill and transfer points.</p>		Date: 12/11/2024
38	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
<p><b>PPs Submission:</b> Being Complied</p> <p>The following clear air practices are adopted to control dust generations. 1. Raw Mill Bag House Kiln, 2. Electrostatic Precipitator (ESP) - Cooler and 3. Bag house / Bag filters - Cement mill, coal mill and transfer points. Pollution certified vehicles are being allowed to due control emission from vehicles during transportation. Water tankers are deployed for water sprinkling on the roads regularly inside the plant to reduce dust generation. Water tankers are deployed in surrounding villages for water sprinkling on roads for dust suppression. Truck mounted Fog/Mist water cannons will be operated in the surrounding villages to arrest suspended dust in the atmosphere.</p>		Date: 12/11/2024
39	AIR QUALITY MONITORING AND PRESERVATION	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
<p><b>PPs Submission:</b> Being Complied</p> <p>Bag filters are being cleaned regularly and bag filters efficiency is being monitored regularly as per scheduled maintenance.</p>		Date: 12/11/2024
40	AIR QUALITY MONITORING AND PRESERVATION	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
<p><b>PPs Submission:</b> Being Complied</p> <p>All precautionary measures are taken to control fugitive emissions by providing Bag House to Kiln, Bag house / Bag filters - Cement mill, coal mill, Clinker storage tanks and transfer points. CC Roads are constructed. Water sprinkling is being done through water tankers. We ensure fugitive emissions are being maintained within prescribed limits.</p>		Date: 12/11/2024
41	AIR QUALITY MONITORING AND PRESERVATION	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm <sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
<p><b>PPs Submission:</b> Being Complied</p> <p>The following Air Pollution Control systems are installed to control PM emission: 1. Raw Mill Bag House Kiln, 2. Electrostatic Precipitator (ESP) - Cooler and 3. Bag house / Bag filters - Cement mill, coal mill and transfer points. APCE for major stacks are designed for 30 mg/Nm<sup>3</sup>. Stack emissions are being monitored through NABL accredited laboratory, emission values are being recorded within permissible limit.</p>		Date: 12/11/2024
42	AIR QUALITY	Following additional arrangements to control fugitive dust shall be

	MONITORING AND PRESERVATION	provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
<p><b>PPs Submission:</b> Being Complied</p> <p>a) Mechanical water sprinklers are installed for coal yard to control fugitive emissions. Fly ash is being stored in fly ash silo, Solid waste is being stored in shed. Raw materials is being transported through closed belt conveyors to prevent spillage. b) Raw material and cement is transported by rail and trucks covered with tarpaulin to prevent spillage and dust generation. c.) Requirement of wheel washing mechanism will be explored.</p>		Date: 12/11/2024
43	AIR QUALITY MONITORING AND PRESERVATION	Provide Low NOx burners as primary measures and SCR /NSCR technologies as secondary measure to control NOx emissions.
<p><b>PPs Submission:</b> Being Complied</p> <p>Low NOx Burner are installed in cement kiln for controlling NOx emissions. NOx levels are being monitored through NABL accredited laboratory, emission values are maintain well within the prescribed limits</p>		Date: 12/11/2024
44	AIR QUALITY MONITORING AND PRESERVATION	The emission norms applicable for the cement plant shall be adhered to.
<p><b>PPs Submission:</b> Being Complied</p> <p>The following Air Pollution Control systems are installed to control PM emission: 1. Raw Mill Bag House Kiln, 2. Electrostatic Precipitator (ESP) - Cooler and Bag house / Bag filters Cement mill, coal mill APCE for major stacks are designed for 30 mg/Nm3 Stack emissions are being monitored through NABL accredited laboratory, emission values are being recorded within permissible limit.</p>		Date: 12/11/2024
45	AIR QUALITY MONITORING AND PRESERVATION	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
<p><b>PPs Submission:</b> Agreed to Comply</p> <p>Dioxin and Furan monitoring will be carried out in once in six months in kiln-Bag House stack.</p>		Date: 12/11/2024
46	GREENBELT	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of companys carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
<p><b>PPs Submission:</b> Agreed to Comply</p> <p>Decarbonisation programe along with action plan will be conducted and will be implemented.</p>		Date: 12/11/2024
47	GREENBELT	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
<p><b>PPs Submission:</b> Agreed to Comply</p> <p>Greening and Paving will be implemented in the plant area to arrest soil erosion.</p>		Date: 12/11/2024

48	Human Health Environment	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
<b>PPs Submission:</b> Agreed to Comply Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) will be identified and Risk Assessment Study. Disaster Management Plan will be implemented and copy will submitted to Ministry Regional Office, SPCB and CPCB.		Date: 12/11/2024
49	Human Health Environment	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.
<b>PPs Submission:</b> 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: 12/11/2024
50	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 the Regional Office by furnishing the requisite data / information/monitoring reports.
<b>PPs Submission:</b> Being Complied MHIPL Full cooperation will be extended to the officer(s) to furnish data is being maintained in our site and will be made available during Inspection.		Date: 12/11/2024
51	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
<b>PPs Submission:</b> Being Complied Manufacturing of cement is a dry process; hence there is no generation of process waste water.		Date: 12/11/2024
52	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and postPage 119 of 770 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.
<b>PPs Submission:</b> Being Complied Provided Piezometer to a bore well within the plant for continuous monitoring of ground water level and also ground water quality tested from recognized laboratory.		Date: 12/11/2024
53	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.
<b>PPs Submission:</b> Agreed to Comply Garland drains and collection pits will be constructed for stock piles for arrest the run-off water.		Date: 12/11/2024
54	WATER QUALITY MONITORING AND PRESERVATION	Water meters shall be provided at the inlet to all unit processes in the steel plants.

<p><b>PPs Submission: Being Complied</b> Category-wise flow meters are installed to quantify unit wise water consumption in cement plant.</p>		<p>Date: 12/11/2024</p>
55	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.</p>
<p><b>PPs Submission: Being Complied</b> Maximum efforts are being made to minimize water consumption in the plant. 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.</p>		<p>Date: 12/11/2024</p>
56	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.</p>
<p><b>PPs Submission: Being Complied</b> We are maintaining cement plant with Zero Liquid Discharge effluent. Manufacturing of cement is a dry process; hence there is no generation of process waste water. Wastewater from cooling towers is being recycled. Domestic effluent is being treated in Sewage Treatment Plant. Treated wastewater is being re-used in greenbelt maintenance. Separate sewage drain pipeline is provided to collecting of raw sewage.</p>		<p>Date: 12/11/2024</p>
57	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.</p>
<p><b>PPs Submission: Being Complied</b> Water sprinklers are provided to coal stock yard for water sprinkling to reduce dust suppression.</p>		<p>Date: 12/11/2024</p>
58	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.</p>
<p><b>PPs Submission: Being Complied</b> Rain water harvested goes to a pit of approx. 80,000 m3 that helps to recharge ground water. Rainwater harvesting and recharge pits are constructed in the plant and colony.</p>		<p>Date: 12/11/2024</p>
59	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>Air Cooled condensers shall be used in the captive power plant.</p>
<p><b>PPs Submission: Being Complied</b> Water cooled condensers are already installed in WHRB 14 MW.</p>		<p>Date: 12/11/2024</p>
60	<p>MISCELLANEOUS</p>	<p>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>
<p><b>PPs Submission: Complied</b> Agreed</p>		<p>Date: 12/11/2024</p>
61	<p>MISCELLANEOUS</p>	<p>The Ministry may revoke or suspend the clearance, if</p>

		implementation of any of the above conditions is not satisfactory.
<b>PPs Submission:</b> Complied Agreed		Date: 12/11/2024
62	MISCELLANEOUS	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
<b>PPs Submission:</b> Agreed to Comply Conditions will be complied accordingly within time bound manner.		Date: 12/11/2024
63	Human Health Environment	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
<b>PPs Submission:</b> Being Complied Housing of construction labour is provided outside cement plant premises with necessary infrastructure facilities.		Date: 12/11/2024
64	Corporate Environmental Responsibility	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
<b>PPs Submission:</b> Being Complied Separate Environment cell exists at site and corporate office with qualified personnel which are under control of Senior Executive, heading the Organization.		Date: 12/11/2024
65	MISCELLANEOUS	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
<b>PPs Submission:</b> Being Complied Six monthly EC Compliance reports with status of compliance and monitoring results are updated in our company. Website: <a href="http://www.mahacement.com/environment/">www.mahacement.com/environment/</a>		Date: 12/11/2024
66	MISCELLANEOUS	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
<b>PPs Submission:</b> Being Complied Ambient air Quality as well as stack emissions are being monitored through NABL accredited laboratory recognized by MoEFCC. Monitoring data of Ambient air Quality as well as stack emissions are being displayed at Main Gate and website of company Six monthly EC Compliance reports with status of compliance and monitoring results are updated in our company website in Half-yearly EC compliance report. Website: <a href="http://www.mahacement.com/environment/">www.mahacement.com/environment/</a>		Date: 12/11/2024
67	MISCELLANEOUS	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.
<b>PPs Submission:</b> Being Complied		Date:

Internal CC Roads in cement plant are being constructing as per the IRC guidelines.		12/11/2024
68	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 ministry of Environment, Forest and Climate Change at environment clearance portal.
<b>PPs Submission:</b> 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. Status of six-monthly reports compliance of the environment clearance conditions are being submitted on PARVESH portal 2.0.		Date: 12/11/2024
69	MISCELLANEOUS	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
<b>PPs Submission:</b> Being Complied Form-V will be submitted to TGPCB as per Environment (Protection) Rules, 1986 for Fy : 2023-24 and same will be displayed in in our company website: www.mahacement.com/environment/		Date: 12/11/2024
70	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.
<b>PPs Submission:</b> Being Complied Commercial production was commenced from 06.03.2024 for Cement plant capacity of clinker :1.75 MTPA and Cement :1.75 MTPA with reference to EC J-11011/215/2013-IA.II (I) dated 14th Sep, 2015. Further, enhancement of clinker: 3.50 MTPA and Cement: 2.50 MTPA will be submitted to Regional Office as well as the Ministry after obtaining necessary consent from TGPCB.		Date: 12/11/2024
71	MISCELLANEOUS	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEFCC.
<b>PPs Submission:</b> Being Complied Wildlife Conservation Plan submitted to Forest Dept, Telangana State for approval vide dated 05.06.2024. Copy of application with ack enclosed as vide reference No. MHIPL/MCW/WLCP/2024-25.		Date: 20/11/2024
72	MISCELLANEOUS	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
<b>PPs Submission:</b> Being Complied Separate budget is allocated and being implementing of concerns raised during Public Hearing (PH) in consultation with local body based on local needs requirement. The Expenditure incurred on concerns are given below: Year Total amount spent under CER (Lakh Rs.) 2021 - 22 104.08 2022 - 23 141.28 2023 - 24 107.60 2024-25 (Apr 24-Sept 24) 35.76		Date: 20/11/2024



73	ENERGY PRESERVATION MEASURES	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
<b>PPs Submission:</b> Being Complied Tapping the solar energy for energy requirements is being explored.		Date: 12/11/2024
74	WASTE MANAGEMENT	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.
<b>PPs Submission:</b> Being Complied Collection trays are provide for collect spilled oil, spilled oil is being recycled in chain lubrication/process.		Date: 12/11/2024
75	WASTE MANAGEMENT	Kitchen waste shall be composted or converted to biogas for further use.
<b>PPs Submission:</b> Being Complied Bio composter is installed to compost kitchen waste and output is utilized as manure in greenbelt.		Date: 12/11/2024
76	WASTE MANAGEMENT	100 Percent utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministrys Regional Office.
<b>PPs Submission:</b> Being Complied 100 Percent Fly ash generated from thermal power plant are being utilized in cement manufacturing process.		Date: 12/11/2024
77	WASTE MANAGEMENT	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <a href="https://cpcb.nic.in/technical-guidelines-3/">https://cpcb.nic.in/technical-guidelines-3/</a> . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
<b>PPs Submission:</b> Agreed to Comply Awareness on banning of identified Single Use Plastic (SUP) items will be conducted in our cement plant and surrounding area. The report will be submitted along six monthly compliance report.		Date: 12/11/2024
78	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 by trees.
<b>PPs Submission:</b> Agreed to Comply GHG emissions inventory for the plant will be prepared. Programme for reduction of the same including carbon sequestration by trees will be submitted.		Date: 12/11/2024

## Visit Remarks

**Last Site Visit Report Date:**

N/A

**Additional Remarks:**

**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.