

The Director,
Ministry of Environment Forests & CC
Govt. Of India, Indira Paryavaran Bhawan,
Jorbagh Road, aliganj, New Delhi – 110 003 (India)

Sub. - Half Yearly Compliance Report for the Period of **Oct-19 to Mar-20** for Integrated Cement Project - Clinker (9.5 MTPA to 13.0 MTPA),Cement (12.0 MTPA to 16.0 MTPA) & WHRB (30 MW to 45 MW) at Villages: Sangaria, Borakheri, Peerkhera and Rasulpura, Tehsil - Nimbahera, District - Chittorgarh (Rajasthan) by M/s. Wonder Cement Limited.

Ref. - EC Letter No. J-11011/298/2012-IA-II (I) Dated: 04/10/2019.

Sir,

This has reference to the above subject and ref. we hereby submit the Half Yearly Compliance Report for the period of **Oct-19 to Mar-20** of conditions stipulated in Environment Clearance letters issued by MoEF, New Delhi for Integrated Cement Project of M/s. Wonder Cement Ltd. as detailed below.

Point wise reply of EC conditions is enclosed as **Annexure –A**.

We assure you our best efforts in maintaining the clean and Eco-friendly environment in the surroundings.
We hope that you will find our reply in order.

Thanking you

With regards,

For, Wonder Cement Ltd.



SM. Joshi

Sr. President (Works)

Encl.: as above

Copy to.

1. **The Chairman**, Central Pollution Control Board, Parivesh Bhavan, CBD-Cum-Office Complex, East Arjun Nagar, Delhi - 110 032
2. **Director(s)** Regional Office ,Ministry of Environment & Forests, Central Region, Kendriya Sadan, 5th Floor Sector - H, Aliganj, Lucknow - 226 024 (UP)
3. **The Member Secretary**, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur (Rajasthan) - 302 004.
4. **The Additional Director**, Central Pollution Control Board Zonal Office (Central), 3rd Floor, Sanika Bhawan, North T.T. Nagar, Bhopal-462003

WONDER CEMENT LIMITED

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Compliance Status of Stipulated Conditions of “ENVIRONMENT CLEARANCE” Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

**COMPLIANCE STATUS OF STIPULATED CONDITIONS OF
“ENVIRONEMNT CLEARANCE”**

I.

NAME & LOCATION OF THE PROJECT	Expansion of Integrated Cement Project –Clinker (9.5 MTPA to 13.0 MTPA),Cement (12.0 MTPA to 16.0 MTPA) & WHRB (30 MW to 45 MW) by M/s. Wonder Cement Limited, Located near Villages: Sangaria, Borakheri, Peerkhera and Rasulpura, Tehsil: Nimbahera, District: Chittorgarh (Raj.)– 312 601
ENVIRONMENTAL CLEARANCE LETTER NO.	MoEFCC File No. J-11011/298/2012-IA-II (I) Dated: 04/10/2019
PERIOD OF THE COMPLIANCE REPORT	October-19 to March-20

Point wise reply of the Environmental Clearance Letter No. MoEFCC File No. J-11011/298/2012-IA-II (I) Dated: 04/10/2019 by M/s. Wonder Cement Limited as below

A. SPECIFIC CONDITIONS

S. No	Conditions	Compliance Status
i.	The PP shall meet the total water requirement of its plant from surface water resources I.e water collected in mine pits and from Ganbir Dam. The PP shall implement this condition within a period of 3 years. No Ground water shall be abstracted by the PP after 3 years except for drinking purpose.	Noted Construction of proposed project has not been started till date.
ii.	A supplementary wildlife Conservation Plan shall be prepared and Implemented for an additional period of 10 years, in consultation with the wildlife authorities.	Noted & Compliance assured.
iii.	The CER activities shall be implemented by the PP within a period of 3 years utilizing the earmarked fund of Rs.7.75 crores.	Noted & Compliance assured.

B. GENERAL CONDITIONS

I. STATUTORY COMPLIANCE

i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project	There is no forest land involved in the project area.
ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable, There is no wildlife sanctuary in project area.
iii.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and	Site specific conservation plan has been prepared and approved by Chief Warden Wild Life, Rajasthan.

Compliance Status of Stipulated Conditions of “ENVIRONMENT CLEARANCE” Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

	approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)	Request for Implementation of plan has been submitted to State Forest Department. It will be carried out in association with Forest department.
iv.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee	Noted & Compliance assured. CTE/CTO will be obtained from the State Pollution Control Board.
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Noted & Compliance assured.
vi.	The project proponent shall obtain the Authorization under Hazardous & Other waste Management Rule, 2016 as amended from time to time.	Our new project is brown field project, we have already obtained the authorization under Hazardous & Other waste Management Rule, 2016 & it is implemented and being complied.

II. Air Quality Monitoring & Preservation

i.	The project proponent shall install 24x7 Continuous emission monitoring system at process stack to monitor the stack emission w.r.t. standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25 th August, 2014(Cement) and subsequent amendment dated 9 th May, 2016 (Cement) and 10 th May, 2016 (Co-processing Cement); S.O. 3305 (E) dated 7 th December, 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB & CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Rules, 1986 or NABL accredited laboratory.	Noted & Compliance assured.
ii.	The PP shall monitor fugitive emission in the plant premises at least once in a every quarter through labs recognized under Environment (Protection) Rules, 1986	Noted & Compliance assured.
III.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25 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 120reach), covering upwind and downwind directions. (case to case basis: small plants ; Manual, Large plants; Continuous)	Noted & Compliance assured.

Compliance Status of Stipulated Conditions of “ENVIRONMENT CLEARANCE” Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

IV.	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.	Noted & Compliance assured. Continuous monitoring will be done after commissioning of Line 4 plant.
V.	Appropriate Air Pollution Control 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.	Noted & Compliance assured.
VI.	The PP shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Noted & Compliance assured.
VII.	Pollution control system in the cement plant shall be provided as per CREP Guideline of CPCB.	Noted & Compliance assured.
VIII.	Sufficient number of mobile or stationary vacuum cleaner shall be provided to clean plant roads, shop floors, roofs regularly.	Noted & Compliance assured.
IX.	Recycle & reuse the lime fines, coal fines and such other fines collected in pollution control devices and vacuum cleaning devices in the process after agglomeration.	Noted & Compliance assured.
X.	Ensure the covered transportation and conveying of ore, coal and other raw material to prevent the spillage & dust generation, used the closed bulkers for carrying the Fly Ash.	All the raw material is transferred through close conveyor belt to prevent the dust emission in our existing plant and same will be implemented.
XI.	Provide the wind shelter fence and chemical spraying on the raw material stock piles;and	Noted & Compliance assured.
XII.	Provide the low NOx burners as primary measures and SCR/NSCR technologies as secondary measure to control the NOx Emission. Have the separate truck parking area and monitor the vehicular emissions at regular intervals.	Low NOx burner will be provided to control the NOx emission. we have already maintained the separate truck parking area in our existing plant.
XIII.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agriculture land by the use of the covered conveyor belts/railway as a mode of transport.	In Our Existing Plant all the material has already transported in close conveyor belt .
XIV.	Ventilation system shall be designed for adequate air changes as per ACGIH documents for all tunnels,motor house and cement bagging plants.	Noted & Compliance assured.

II. Water Quality Monitoring & Preservation

i.	The project proponent shall install 24x7 Continuous effluent monitoring system w.r.t standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25 th August, 2014(Cement) and subsequent amendment dated 9 th May, 2016 (Cement) and 10 th May,	Noted & Compliance assured.
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Compliance Status of Stipulated Conditions of “ENVIRONMENT CLEARANCE” Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

	2016 (Co-processing Cement); S.O. 3305 (E) dated 7 th December, 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB & CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Rules, 1986 or NABL accredited laboratory. (case to case basis: small plants ; Manual, Large plants; Continuous)																			
ii.	The Project Proponent shall monitor regularly ground water quality at lease twice a year (pre and post monsoon) a sufficient no.of piezometers/sampling wells in the plant and adjacent area through labs recognized under Environment (Protection) Rules, 1986.	The proposed expansion in our existing plant premises and We are monitoring the ground water quality through NABL recognized labs.																		
iii.	The PP shall submit the monthly summary report of continuous Effluent monitoring and results of manual effluent testing and manual monitoring of Ground water quality Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six monthly monitoring report.	Noted & Compliance assured.																		
iv.	Adhereto ‘Zero Liquid discharge’.	Noted & Compliance assured.																		
v.	Sewage Treatment Plant shall be provided for the treatment of domestic waste water to meet the prescribed standards.	Noted & Compliance assured.																		
vi.	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.	Noted																		
vii.	The project proponent shall practice rainwater harvesting to maximum possible extend.	Being complied.																		
		The Total 15 no. Of Rain water harvesting structure have been developed for recharging of rain water. Rain water is also collected in mine pit which is utilized during lean season.																		
		<table border="1"> <thead> <tr> <th>Type of RWHS</th> <th>Nos. of Developed RWHS System</th> <th>Dimension of Filter (L X W X H in met</th> </tr> </thead> <tbody> <tr> <td>Reservoir</td> <td>01</td> <td>-</td> </tr> <tr> <td>Open Well</td> <td>07</td> <td>2 x 1 x 1</td> </tr> <tr> <td>Bore Well</td> <td>03</td> <td>2 x 1 x 1</td> </tr> <tr> <td>Roof Top</td> <td>01</td> <td>2 x 1 x 1</td> </tr> <tr> <td>RWHS Nala</td> <td>05</td> <td>0.6 x 0.6 x 1.5</td> </tr> </tbody> </table>	Type of RWHS	Nos. of Developed RWHS System	Dimension of Filter (L X W X H in met	Reservoir	01	-	Open Well	07	2 x 1 x 1	Bore Well	03	2 x 1 x 1	Roof Top	01	2 x 1 x 1	RWHS Nala	05	0.6 x 0.6 x 1.5
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viii.	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Noted, water meter will be provided.																		
ix.	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade water use & by recycling treated water.	Noted, efforts shall be made for minimize the water consumption by recycling & re-utilizing the waste water.																		

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IV. Noise Monitoring & Prevention

i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of the six-monthly compliance report.	Noted, Our proposed is brown field project, noise monitoring is already carried out in our existing plant.
ii.	The ambient noise levels should conform to the standards prescribed under EPA Rule 1986 viz. 75 dB(A) during the day time and 70 dB(A) during the night time.	Our new project is brown field, noise monitoring is already carried out in our existing plant.

V. Energy Conservation measures

i.	Waste heat recovery system shall be provided for kiln & cooler.	Noted and compliance assured
ii.	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.	Noted & compliance assured .
iii.	Provide solar power generation on roof tops of buildings,for solar light system for all common area, street lights, parking around project area and maintain the same regularly.	Noted and Compliance assured
iv.	Provide the project proponent for LED lights in their offices and residential areas.	The LED has already installed in our offices & residential areas.
v.	Maximize utilization of Fly ash, slag and sweetener in cement blend as per BIS standard.	Noted & Compliance assured.
vi.	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.	We are already utilize the alternate fuels in our existing plants & same will be utilized in proposed projects.

VI. Waste management

i.	Use refractories shall be recycled as far as possible	Noted & Compliance assured.
ii.	The waste oil, grease and other hazardous shall be disposed off as per Hazardous & Other waste (Management & Trans-boundary Movement) Rules, 2016.	Our new project is brown field project, the generated hazardous waste is already disposed off as per Hazardous & Other waste (Management & Trans-boundary Movement) Rules, 2016.
iii.	Kitchen waste shall be composted or converted to biogas for further use.	Noted and compliance assured

Compliance Status of Stipulated Conditions of “ENVIRONMENT CLEARANCE” Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

VII. Green Belt

	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.	Our new project is brown field project, we have already developed more than 33% of plant area with Green belt.
i.	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.	Noted & Compliance assured.

VIII. Public Hearing & Human Health Issue

i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Our new project is brown field project and Emergency management Plan is already prepared & implemented.
ii.	The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protective Equipment (PPE) as per norms of Factory Act.	Noted and Compliance assured
iii.	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.	Noted & will be provided at the time of project.
iv.	Occupational health surveillance of the workers shall be on a regular basis and records maintain as per Factory Act.	Being Complied, We have already conducted Regular Health check up Pre-placement and periodical Medical examination of all workers at our well established hospital for Existing Plants.

IX. Corporate Environmental Responsibility

i.	The project proponent shall comply with the provisions contained in this Ministry’s OM vide F.No. 22-65/2017-IA.III dated 1 st May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted & Compliance assured.
ii.	The company shall have a well laid 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/ deviation/ violation of the environmental/forest/wildlife conditions. The company shall have define system of reporting infringements/deviation/violation of the environmental /forest/wildlife conditions and/or shareholder/stock holders. The copy of the board resolution in this regard shall be submitted to the MOEF&CC as part of six monthly report.	Our new project is brown field project and we have already implemented Integrated Management System including (EMS, QMS, OHSAS).

Compliance Status of Stipulated Conditions of “ENVIRONMENT CLEARANCE” Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

iii.	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.	We have maintained a separate Environment Cell headed by Corporate AVP Environment, Dy. Manager and Officers.
iv.	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.	Noted & Compliance assured.
v.	Self environmental audit shall be conducted annually. Every three years third party audit shall be carried out.	Noted & Compliance assured.
vi.	All the recommendation made in Charter on Corporate Responsibility for Environmental Responsibility (CREP) for the cement plants shall be implemented.	Noted & Compliance assured.

X. Miscellaneous


i.	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 two local newspaper of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also displayed in the project proponent’s website permanently.	Complied. The EC public notice has been published on dated 10.10.2019 in Danik Navjoyti & Dainik Bhaskar. Copy has been send to MOEF RO Office Lucknow vide letter no. WCL/ENV/EC/L-IV/2019-20/242-246 dated on 15.10.2019. Copy is enclosed as Annexure- 1 .
ii.	The copies of Environmental Clearances shall be submitted by the project proponents to the project proponents to the Heads of local bodies, Panchayat and Municipal Bodies in addition to the relevant offices of the Governments who in turn has to display the same for 30 days from the date of receipt.	Complied. The EC Copy is submitted to concern local bodies, Gram panchayat & Municipal bodies. The acknowledgement copy is enclosed as Annexure- 2
iii.	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.	Noted & Compliance Assured.
iv.	The project proponent shall monitor the criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and displayed the same at a convenient location for disclosure to the public and put on website of the company.	Noted & Being Complied.
v.	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.	Noted & Compliance assured.

Compliance Status of Stipulated Conditions of "ENVIRONMENT CLEARANCE" Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

vi.	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	Noted & Compliance assured.
vii.	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.	Noted & Compliance assured.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted
ix.	The project proponent shall abide by the commitments and recommendation made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted & Compliance assured.
x.	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).	Noted & Compliance assured.
xi.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under Environment (Protection) Act, 1986.	Noted
xii.	The Ministry may revoke of suspend the clearance, if implementation of any conditions is not satisfactory.	Noted
xiii.	The ministry reserves the right to stipulate any addition conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted
xiv.	The Regional Office of this Ministry shall monitor the 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.	Noted , Full cooperation shall be extended.
xv.	The above conditions shall be enforced, inter-alia under the provision of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981, The Environmental (Protection) Act 1986, Hazardous & Other waste (Management & Trans-boundary Movement) Rules, 2016 and Public Liability Act,1991, along with their amendments and Rules and any other orders passed by Hon'ble Supreme Court of India/High Courts and any Courts of Law relating to the subject mater.	Noted

Compliance Status of Stipulated Conditions of "ENVIRONMENT CLEARANCE" Accorded by the MoEF dated 17th March 2016 to M/s. Wonder Cement Limited

xvi.	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.	Noted
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SM. Joshi

Sr. President (Works)

WONDER CEMENT Limited

R. K. Nagar

NIMBAHERA

Distt. Chittorgarh (Raj.)