

MOEF COMPLIANCE REPORT (NOV-2016)

Name & Location of the Project	: Expansion of Integrated Cement Project – Clinker (6.0MTPA to 9.5 MTPA),Cement (8.0 MTPA to 12.0 MTPA) CTPP (80.0 MW to 140 MW), & WHRB (18 MW to 30 MW) by M/s. Wonder Cement Limited, Located at 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: 17/03/2016
Period of the Compliance Report	: Apr-16 to Sept-16

Point wise reply of the Environmental Clearance Letter No.: MoEF File No. J-11011/298/2012-IA-II (I) Dated: 17/03/2016 by M/s. Wonder Cement Limited as below:

Note : Above project work not start up-to till date.

Specific Conditions		
S. No.	Conditions	Reply
i	The project proponent shall install 24x7 air monitoring devices to monitor air emissions, as provided by the CPCB and submit report to Ministry and its Regional Office.	Agreed
ii	The Standards issued by the Ministry vide G.S.R. No. 612 (E) dated 25 th August, 2014 regarding cement plant with respect to particulate matter, SO ₂ and NO _x Shall be followed.	Agreed

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iii	Continuous stack monitoring facilities to monitor gaseous emissions from the process stack shall be provided. After expansion, limit of PM shall be controlled to meet prescribed standards by installing adequate air pollution control system. Electrostatic precipitators to clinker cooler, bag house to raw mill/kiln and bag filters to coal mill and cement mill. Low NO _x burners shall be provided to control NO _x EMISSIONS. Regular calibration of instruments must be ensured.	Agreed
iv	Efforts shall be made to achieve power consumption of 70 unit/tonne for Portland Pozzolona Cement (PPC) and 95 units/tonne for Ordinary Portland Cement (OPC) Production and thermal energy consumption of 670 Kcal/Kg of clinker.	Agreed
v	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be followed.	Agreed
VI	AAQ Modelling shall be carried out based on the specific mitigative measures taken in the existing project and proposed for the expansion project to keep the emissions well below the standards.	Agreed
Vii	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines/Code of Practice issued by the CPCB in this regard shall be followed.	Agreed
viii	Arsenic and Mercury shall be monitored in emissions, ambient air and water.	Agreed
ix	The coal yard shall be lined and covered.	Agreed
x	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 use of conveyors/rain mode of transport wherever feasible. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.	Agreed

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xi	Effort shall be made to further reduce water consumption by using air cooled condensers. All the treated waste water shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process waste water shall be discharged out side the factory premises and 'zero' discharge shall be adopted.	Agreed
xii	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	Agreed
xiii	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated waste water shall meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office, SPCB and CPCB.	Agreed
xiv	All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers / preprocessors only.	Agreed
xv	The kiln shall be provided with flexible fuel feeding system to enable use of hazardous wastes and other wastes including biomass, etc.	Agreed
xvi	The proponent shall examine and prepare a plan for utilization of high calorific wastes such as chemical wastes ,distillation residues, refuse derived fuels ,etc as alternate fuels based on availability and composition. For this ,proponent shall identify suitable industries with such wastes and enter into an MOU for long- term utilization of such	Agreed

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	wastes as per the Environment (Protection) Act, 1986 and with necessary approvals.	
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xvii	Effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision should be made accordingly. The PP shall enter into an MOU with units with potential for generating Hazardous Waste Regulations and prior approval of the MPPCB.	Agreed																																																														
xviii	Green belt over 33 % of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area and along road sides etc. By planting native and board leaved species in consultation with local DFO, local community and as per the CPCB guidelines.	<p>Plantation/green belt development activities have already been started at our existing unit. Above project is brown field project . The details of plantation are mention below table No 1.1.</p> <p style="text-align: center;">Table No.1.1</p> <table border="1" data-bbox="863 725 1441 1014"> <thead> <tr> <th rowspan="2">Duration</th> <th colspan="3">Plant & Colony Area</th> <th colspan="3">Out Side Plant Area</th> </tr> <tr> <th>Trees</th> <th>Shrubs</th> <th>Total</th> <th>Trees</th> <th>Shrubs</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2011-12</td> <td>618</td> <td>4573</td> <td>5191</td> <td>4581</td> <td>12877</td> <td>17458</td> </tr> <tr> <td>2012-13</td> <td>3156</td> <td>6064</td> <td>9220</td> <td>1832</td> <td>744</td> <td>2576</td> </tr> <tr> <td>2013-14</td> <td>17653</td> <td>18340</td> <td>35993</td> <td>455</td> <td>4113</td> <td>4568</td> </tr> <tr> <td>2014-15</td> <td>3524</td> <td>15926</td> <td>19450</td> <td>1329</td> <td>4103</td> <td>5432</td> </tr> <tr> <td>2015-16</td> <td>9376</td> <td>0</td> <td>9376</td> <td>0</td> <td>3000</td> <td>3000</td> </tr> <tr> <td>2016-17 (up to SEP-16)</td> <td>2750</td> <td>8095</td> <td>10665</td> <td>10646</td> <td>6566</td> <td>17712</td> </tr> <tr> <td>Total</td> <td>36897</td> <td>52998</td> <td>89895</td> <td>18843</td> <td>31403</td> <td>50246</td> </tr> </tbody> </table> <p>Planting species of Trees are Neem, Spathodia, Alstonia, Champa, Bottle Palm, Peltophoram, Fish Tail Palm, Casuriana, Harsinghar, Jangal Jalabi, Green Bamboo, Golden Bamboo etc. & Shrubs Species are Anar, kaner, Ficus panda, Mogra, amrud, Canna, Bismarkia palm, Chandani, Tecoma gaudi chaudi, Torch glory, Gultara, Tecoma capensis, Aclypha, Callindra, Thevatia, Bougainvillea, Agave, Furcaria, Euporbia mill etc.</p>	Duration	Plant & Colony Area			Out Side Plant Area			Trees	Shrubs	Total	Trees	Shrubs	Total	2011-12	618	4573	5191	4581	12877	17458	2012-13	3156	6064	9220	1832	744	2576	2013-14	17653	18340	35993	455	4113	4568	2014-15	3524	15926	19450	1329	4103	5432	2015-16	9376	0	9376	0	3000	3000	2016-17 (up to SEP-16)	2750	8095	10665	10646	6566	17712	Total	36897	52998	89895	18843	31403	50246
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xix	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.	Agreed																																																														

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xx	At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing Issues,locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a committee comprising of the proponent ,representatives of village Panchayat and District Administration.Action taken report in this regard shall be submitted to the Ministry's Regional Office.	Agreed
xxi	The proponent shall prepare a details CSR Plan for every year for the next 5 years for the existing -cum-expansion project ,which includes village-wise,sector-wise(Health, Education ,Sanitation, Heath ,Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits as provided for in clause 135 of the Companies Act,2013 which provides for 2% of the average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the plan shall be submitted as part of the Compliance Report to RO. The details of the CSR plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.	Agreed
xxii	The project proponent shall provide for solar light system for all common areas ,street lights, villages, parking around project area and maintain the same regularly.	Agreed
xxiii	The project proponent shall provide for LED lights in their offices and residential areas.	Agreed

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xxiv	A Risk Assessment Study and Disaster Preparedness and Management Plan along with the mitigation measures shall be prepared with a focus of Disaster Prevention and a Copy submitted to the ministry's Regional office,SPCB and CPCB with 3 months of issue of environment clearance letter.	Agreed
xxv	To educate the workers ,all the work places where dust may cause a hazardous shall be clearly indicated as dust exposure area through the use of display signs which identifies the hazard and associated health effects.	Agreed
xxvi	Provision shall be made for the housing of construction labor within the site with all Necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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.	Agreed

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B. General Conditions		
Sr.No.	Conditions	Reply
i	The project authorities must strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board and the State Government.	Agreed
ii	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).	<u>Agreed</u>
iii	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Lucknow and the SPCB/CPCB once in six months.	Agreed, Our New project is Brown field project.so we have already established four AAMS at periphery of the plant . We have also been Two Continuous Online Ambient Air Quality monitoring system installed at Up & Down wind direction of plant & Real time Data has been connect to CPCB & RPCB Server.
iv	Industrial waste water shall be properly collected, treated so as to conform to the Standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended form time to time. The treated waste water shall be utilized for plantation purpose.	Agreed
v	The overall noise levels in and around the plant area shall be kept well within the standards (85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules,1989 (day time) and 75 dBA (day time) and 70 dBA (nighttime).	Agreed

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vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Agreed
vii	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Agreed
viii	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	Agreed
ix	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment Forests & Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Lucknow. The funds so provided shall not be diverted for any other purpose.	Agreed

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x	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Complied, EC Copy has been submitted to concern panchyat, Zila Prishad, Municipal Corporation. A copy of Submission enclosed as Annexure-1 .
xi	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Lucknow. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Agreed
xii	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Lucknow / CPCB / SPCB shall monitor the stipulated conditions.	Agreed

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xiii	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules,1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Lucknow by e-mail.	Agreed
xiv	The Project Proponent shall inform the public that the project has been accorded Environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEFCC) at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Lucknow.	Complied, EC public notice has been published on dated 30.3.2016 in Danik Navjoyti & Jannayak . Copy has been send to MOEF RO Office Lucknow vide letter no. WCL/ENV/EC/33-36 dated on 05/04/2016. A Copy enclosed as Annexure-2 .
xv	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Agreed

Pradeep Kumar Jain
HOD (QC & ENV)