



JSW Cement Limited

Village: Khar Karavi,
P.O. Gadab Taluka-
Pen, Dist. Raigad
MaharasMra-402107,
India Phone +e1-2143-
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2143-277-725

CINU26957MH2006
PLC180838

Date: 25th April 2019

To,

**Ministry of Environment Forest & Climate
Changes Regional Office (WCZ)**
Ground Floor, East
New Secretariat Building
Civil Lines, Nagpur - 440 001

Subject: Submission of 6 monthly Compliance report for Environment Clearance condition for F No IA-J-11011/499/2017-1A.II(I) dated 2 Feb 2018 & No SEAC-2010/CR.708.TC.2, dated 14.06.2011 of MIs JSW Cement Limited located at Geetapuram, Village Dolvi, Tehsil Pen District Raigad Maharashtra.

Dear Sir,

Kind Attention: Mr Suresh Kumar Adapa
Scientist — D

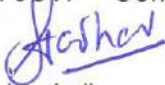
With above subject we are sumitting the 6 monhtly Compliance report for Environment Clearance condition with the required Annexures.

Period 1st Oct 2018 to 31st Mar 2019

Hope the above documents/information are in order

Thanking You

Your Truly
For JSW Cement Limited


Sanjay Jadhav
(Vice President)



Part of O. P. Jindal Group

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Compliance Report of Environment Clearance Conditions
JSW Cement Limited - Dolvi formerly known as M/s Heidelberg Cement Limited

Project Code: Yet not allotted

NAME OF THE PROJECT:

Proposed Expansion project of cement grinding unit at village Khar Karavi, Gadab, taluka Pen, Dist. Raigad by M/s Heidelberg Cement India Ltd. (now JSW Cement Limited)

MOEF LETTER No. & DATE:

No. SEAC-2010/CR.708/TC.2, dated 14-06-2011

PERIOD OF COMPLIANCE REPORT:

01st Oct 2018 to 31st Mar 2019

Note: The project was implemented and commissioned in March 2016.

Sl.No.	SPECIFIC CONDITIONS	COMPLIAN CE
3		
(i)	Consent for Establishment shall be obtained from Maharashtra State Pollution Control Board under Air and Water Acts and a copy shall be submitted to the Environment Deptt. Before start of any construction work at the site. MPCB should verify SO2 emission modelling submitted by project proponent as recommended by SEAC.	Consent for Establishment was granted by MPCB vide letter No BO/APAE/TB-3/EIC No. RD-1716-10/E/CC-259 Date 25.05.2011. Consent to Operate was granted by MPCB vide letter No BO/CAC-CELL/ EIC No./RD-3252-16-CAC-9885 Date 26.08.2016. No source of SO2 emission from any of the processes.
(ii)	No land development/ construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from the respective authorities.	Noted and agreed
(iii)	No additional land shall be used/ acquired for any activity of the project without obtaining prior permission.	Noted and agreed
(iv)	For controlling fugitive natural dust, regular sprinkling of water and wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Regular water sprinkling is done on the unpaved areas. Wind shields are provided during monsoon (when the wind velocity is high) at the raw material storage area.
(v)	Regular monitoring of the air quality, including SPM and SO2 both in work zone and ambient air shall be carried out in and around the plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with MPCB and submit reports accordingly to MPCB.	Air quality in work zone as well as in ambient air is monitored by an accredited 3 rd party once in a month. In addition, two nos, of CAAQMS are also installed at plant periphery in consultation with MPCB for online continuous monitoring of SPM, Sox & NOx in ambient air. Real-time data are transmitted to MPCB and CFCB. Monthly monitoring reports are submitted to MPCB on regular basis.

(vi)	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge groundwater.	Noted. Rainwater harvesting scheme shall be implemented during current f.y.
(vii)	Arrangement shall be made that waste water and storm water do not get mixed.	Storm water drains are separated from waste water drains.
(viii)	Periodic monitoring of groundwater shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to Maharashtra Pollution Control Board (MPCB).	Noted.
(ix)	Leq of noise level shall be maintained as per standards. For people working in high noise areas, requisite personal protective equipment's like ear plugs etc. shall be provided.	Noise levels in work zone as well as in ambient are maintained within the norms. Ear plugs are provided to persons working in high noise areas.
(x)	The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 and Rules 1989.	We have provided silencers, acoustic enclosures where necessary and feasible to control the overall noise levels within the prescribed limits. Ambient noise levels are maintained well within the prescribed limits.
(xi)	Greenbelt shall be developed and maintained around the plant periphery. Greenbelt development shall be carried out considering CPCB guidelines including section of plant species and in consultation with the local DFO/ Agriculture department.	Greenbelt is being developed along the periphery and also in vacant areas of plant. Consultation from the local DFO will be taken. CPCB guidelines will also be followed.
(xii)	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic locations for early detection and warning.	All the required safety measures have been implemented in line with the requirements of the Factories Act and State Factory Rules. We have implemented 3rd party accredited ISO 14001:2015 & ISO 45001:2018 based safety management system since 2015. The system is audited by internal as well as external auditors at periodic intervals.
(xiii)	Occupational health surveillance of workers shall be done on a regular basis and records maintained as per factories Act.	Regular health checkup of employees is done and records are maintained as per Factories Act.
(xiv)	The company shall make the arrangements for protection of possible fire hazards during manufacturing process in material handling.	Fire hydrant is installed throughout the plant. In addition, dedicated fire tender and firefighting team is available round the clock inside the plant premises.
(xv)	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the hazardous Waste Management and handling Rules, 2003 (amended). Authorization from MPCB shall be	We have obtained due authorization from MPCB for collection, handling, storage and disposal of hazardous waste. Hazardous waste (used oil and waste grease) is sold to authorized recyclers only.

	obtained for collection, treatment, storage and disposal of hazardous waste.	
(xvi)	The company shall take following waste minimization measures	The latest technology VRM requires less oil and grease.
(xvii)	Regular mock drills for on-site emergency management plan shall be carried out. Implementation of changes, improvements required, if any, in the on-site emergency plan shall be ensured.	Mock drills with regard to identified emergencies are conducted once in six months. The results of mock drills are reviewed by the Safety committee and recommendations for improvement, if any, are implemented by safety department.
(xviii)	A separate environment management cell with qualified shall be set up for implementation of stipulated environmental safeguards.	Separate environment management cell headed by AGM (Tech) is in place for implementation of stipulated environmental safeguards.
(xix)	Transportation of ash shall be through closed containers and all measures shall be taken to prevent spilling of the ash.	Not applicable as we do not have a power plant nor do we handle any fly ash.
(xx)	Separate silos shall be provided for collecting and storing bottom ash and fly ash.	Not applicable (as above)
(xxi)	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item wise breakup. These costs shall be included as part of project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure shall be reported to the MPCB and this department.	Separate funds for implementation of environmental protection measures/ EMP has been allocated. These funds have been included in the project cost. Year wise expenditure on environment management is being reported to MPCB and SEAC as part of the Annual Environment Statement (Form-V)
(xxii)	The project management shall advertise atleast in two newspapers widely circulated in the region around the project, one of which shall be in Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environment clearance and copies of environment clearance letter are available with Maharashtra Pollution Control Board and can also be seen at the website at www.envis.maharashtra.gov.in .	Complied
(xxiii)	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental terms and conditions in hard and soft copies to the MPCB and to this deptt. On 1 st June and 1 st December every year.	6 monthly compliance reports of EC as prescribed are regularly submitted to MPCB and SEAC.
(xxiv)	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation 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 website of the Company by the proponent.	Complied.

(xxv)	The proponent shall upload the status of compliance of the stipulated EC 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 MoEF, the respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO2 and NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted and complied. Online data for stack and ambient air are electronically displayed near the main factory entrance.
(xxvi)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as email) to the respective regional office of the MoEF, the respective zonal office of CPCB and the SUB.	Noted and Complied
(xxvii)	The Environment Statement of each financial year ending 31 st 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 alongwith the status of compliance of EC conditions and shall also be sent to the respective regional office of the MoEF by email.	Noted and Complied
(xxviii i)	The environment Clearance is being issued without prejudice to the <i>any</i> case pending in the court of law and it does not mean that the project proponent has not violated any environmental laws in the past and whatever decision of the honorable court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him.	Noted and agreed.
4	The environment department reserves the right to revoke the clearance if the conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	Noted and agreed.
5	Validity of Environment Clearance: The Environment Clearance accorded is valid for a period of 5 years to start of production operations.	Noted and agreed.
6	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the	Noted and agreed.

	conditions imposed and to incorporate additional environmental protection measures required, if any.	
1	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Waste (Management & Handling) Rules, 1989 and its amendments and the Public Liability Insurance Act, 1991 and its amendments.	Noted and agreed.
2	Any appeal against this environment clearance shall lie with the National Environmental Appellate Authority, if preferred, within 30 days as prescribed under section 11 of the National Environmental Appellate Act, 1997.	-

For JSW Cement Limited



Sanjay Jadhav
Unit Head

(Authorized Signatory)

