

F. No. J-11011/1/2010-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change

Indira Paryavaran Bhawan
Jor Bagh Road, Ali Ganj,
New Delhi – 110003
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Tel: 011 24695319

Dated: 3rd July, 2017

To
The Director
M/s Nirma Ltd
Nirma House, Ashram Road,
Ahmedabad- 380009

Subject: Integrated Cement Plant (Clinker 1.48 MTPA, Cement 2.28 MTPA along with Captive Power Plant (25 MW) at villages Sinla, Digarana, Dungarnagar, Kharadi and Nimbol, Tehsil Jaitaran, District Pali in Rajasthan by M/s Siddivinayak Cement Limited – Transfer of Environmental Clearance under clause 11 of EIA Notification, 2006 regarding.

Sir,

This has reference to your received application vide letter No. NL-RJ/ENV-132C/498/2017 dated 6th July 2017, requesting transfer of Environmental Clearance of M/s Siddivinayak Cement Limited dated 29th March 2011 mentioned in the subject.

2.0 It is noted that the Integrated Cement Plant (Clinker 1.48 MTPA, Cement 2.28 MTPA alongwith Captive Power Plant (25 MW) at villages Sinla, Digarana, Dungarnagar, Kharadi and Nimbol, Tehsil Jaitaran, District Pali in Rajasthan by M/s Siddivinayak Cement Limited was granted Environmental Clearance vide letter F.No J-11011/1/2010-IA II (I) dated 29th March 2011.

3.0 Further, the Project Proponent submitted the documents namely, a copy of Order of High Court of Gujarat, dated 20.04.2015 regarding amalgamation of M/s Siddhi Vinayak Cement Pvt. Ltd. with M/s Nirma Limited alongwith a copy of Composite Scheme of Arrangement of Nature of Amalgamation and Demerger under sections 391 to 394 of the Companies Act, 1956; a copy of Extract of Resolution passed at the meeting of Board of Directors held on 13th June 2015; No Objection Certificate from M/s Siddhi Vinayak Cement Pvt. Ltd; Undertaking from M/s Nirma Ltd (on Non judicial stamp papers) mentioning that all the compliance of specific conditions and general conditions of Environmental Clearance now lies with M/s Nirma Ltd.


4.0 After taking into consideration the aforesaid facts, the Ministry has decided to transfer the component the environmental clearance vide letter No.J-11011/1/2010-IA II (I) dated 29th March 2011 from M/s Siddhi Vinayak Cement Pvt. Ltd. to M/s Nirma Ltd under clause 11 of EIA Notification, 2006.

5.0 It is requested to obtain 'Consent to Establish' and 'Consent to Operate' from the concerned State Pollution Control Board in the name of M/s Nirma Ltd.

6.0 M/s Nirma Ltd shall comply with the all the specific conditions pertaining to the Cement Plant and general conditions stipulated in the environmental clearance letter vide letter No. J-11011/1/2010-IA II (I) dated 29th March 2011

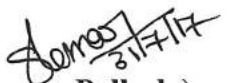
7.0 In case, there is a change in the scope of the project, fresh environmental clearance shall be obtained.

This issues with the approval of the Competent Authority.


(Sharath Kumar Pallerla)
Scientist 'F'

Copy to:

1. The Secretary, Department of Environment and Forests Government of Rajasthan, Jaipur, Rajasthan.
2. The Chairman, Rajasthan Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
4. The Chief Conservator of Forests (Central), Ministry of Environment, Forest and Clinmate Change, Central Region, Kendriya Sadan, Secor – H, Aliganj, Lucknow-226024, Uttar Pradesh.
5. Monitoring Cell, Ministry Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor bagh, New Delhi -110003
6. Guard File / Monitoring File/ Record File.


(Sharath Kumar Pallerla)
Scientist 'F'

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Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003
E-mail: plahujarai@yahoo.com
Tele/fax: 011 – 2436 3973
Dated: 29th March, 2011

To,

The Director
M/s Siddhi Vinayak Cement Limited
212, Signature Complex, Opp. Suvena,
Bungalows, 100 Feet Road, Thaltej,
Ahmedabad – 380 059, Gujarat

E-mail: c_p_rafalia@yahoo.co.in

Sub: Integrated Cement Plant (Clinker 1.48 MTPA, Cement 2.28 MTPA) along with Captive Power Plant (25 MW) at villages Sinla, Digarana, Dungarnagar, Kharadi and Nimbol Tehsil Jaitaran District Pali in Rajasthan by M/s Siddhi Vinayak Cement Limited – reg. Environmental Clearance

Sir,

This has reference to your letter no. SVCL/EC/08/2010 dated 26th November, 2010 along with copies of EIA/EMP and public hearing reports and subsequent communication dated 18th January, 2011 and 11th March, 2011 seeking environmental clearance under the provisions of EIA Notification, 2006.

2. The Ministry of Environment and Forests has examined your application. It is noted that M/s Siddhi Vinayak Cement Limited have proposed for an Integrated Cement Plant (Clinker 1.48 MTPA, Cement 2.28 MTPA) along with Captive Power Plant (25 MW) at villages Sinla, Digarana, Dungarnagar, Kharadi and Nimbol Tehsil Jaitaran District Pali in Rajasthan. The total land requirement for the proposed project including (Cement Plant, CPP & Colony) is 70 ha, of which 60 ha has been acquired by the company and 10 Ha is under acquisition. Green Belt will be developed in 33% (23.1 ha) of the total plant area. The cement plant will be based on dry process technology for cement manufacturing with 6 stage pre-heater and pre-calcliner technology. The coal requirement for the cement plant and the CPP 0.391 MTPA will be imported from South Africa/Australia/Indonesia. No national park/wild life sanctuary/reserve forest is located within 10 km radius of the project site. Total cost of the project is Rs. 950.0 Crores. Rs. 25.0 Crores and Rs. 2.5 Crores will be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures.

3. To control the particulate emission from Raw Mill Kiln, Clinker Cooler, Coal Mill, Cement Mill, ESP, Bag filters will be installed. Atomized water sprinkling system will be provided at limestone and coal unloading hopper & handling area. Better maintenance and installation of proper air pollution control equipment like Bag

Houses, Clinker and fly ash will be stored in silos and gypsum will be stored in covered shed.

4. Total Water Requirement for the proposed project will be 1,950 m³/d, out of which 1,300 m³/d will be used in Cement Plant, 450 m³/d in CPP & 200 m³/d in Colony. No industrial waste water will be generated in the Cement Plant. Waste water generated from CPP will be properly treated in neutralization pit & will be recycled in the process. Domestic waste water generated from Cement plant / Colony will be treated in STP and used for green belt development / Horticulture activities & for dust suppression. Rain water harvesting will be practiced at plant and colony area. Air cooled condenser will be used in Thermal Power Plant to reduce water requirement. Rain water harvesting will be carried by roof top rain water harvesting, surface rain water runoff will be used for recharging through existing dug-cum-bore wells /dry tube wells and surface run-off available in the nalla through injection wells with check bund.

5. No solid waste will be generated in cement manufacturing process. Dust collected from various pollution control equipments will be recycled back to the process. Fly ash generated from Captive Power Plant will be 100% utilized in the Cement manufacturing process. STP Sludge will be utilized as manure for green belt development within the plant premises. During operation phase, there will be zero solid waste generation from Cement Plant.

6. All the cement plants (> 1.0 MTPA) have been kept at S.No. 3(b) under category 'A' of the Schedule of EIA Notification 2006 and appraised at the Central level.

7. The proposal was considered by the Expert Appraisal Committee-1 (Industry) in its 18th meeting held during 24th -25th January, 2011. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions.

8. Based on the information submitted by you, presentation made by you and consultant, M/s J.M. Environet Pvt. Ltd, Gurgaon, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006 subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS :

- i. Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided. Particulate emission shall be controlled within 50 mg/Nm³ 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 shall be installed. Low NO_x burners shall be provided to control NO_x emissions.
- ii. Possibilities shall be explored for the proper and full utilization of gases generated from the kiln in waste heat recovery boiler (WHRB) and a feasibility

report shall be prepared and submitted to the Ministry and its Regional Office at Lucknow within 3 months from the date of issue of the letter.

- iii. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- iv. 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 should be followed.
- v. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and shall not be overloaded. The company shall have separate truck parking area. Vehicular emissions should be regularly monitored.
- vi. Total water requirement for cement and captive power plant shall not exceed 1,950 m³/day. Permission to draw ground water from the competent authority shall be obtained. Efforts shall be made to use the water by developing non-mineral mine pits in the long run so that the ground water is used only for drinking purpose. All the treated wastewater 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 wastewater shall be discharged outside the factory premises and 'zero' discharge should be adopted.
- vii. 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.
- viii. Regular monitoring of influent and effluent surface, sub-surface and ground water should be ensured and treated wastewater should 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 should also be regularly carried out and report submitted to the Ministry's Regional Office at Lucknow, SPCB and CPCB.
- ix. All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices should be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers / reprocessors only.
- x. All the fly ash shall be utilized as per Fly ash Notification, 1999 subsequently amended in 2009. Efforts shall be made to use fly ash maximum in making Pozollona Portland Cement (PPC).

- xi. Efforts shall be made to use low-grade lime, more fly ash and solid waste in the cement manufacturing.
- xii. An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision should be made accordingly.
- xiii. As proposed, green belt shall be developed in at least 33 % area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO.
- xiv. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.
- xv. All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 21st November, 2010 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Lucknow.
- xvi. At least 2 % of the total cost of the project shall be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner.
- xvii. Detailed Occupational Health and Safety Plan shall be submitted to the Ministry's Regional Office at Lucknow.
- xviii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project

B. GENERAL CONDITIONS:

- i. The project authority shall adhere to the stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government.
- ii. No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.
- iii. The gaseous and particulate matter emissions from various units shall conform to the standards prescribed by the RSPCB. At no time, particulate emissions from the cement plant including kiln, coal mill, cement mill, cooler shall exceed beyond the permissible limit. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.

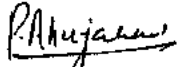
- iv. At least four ambient air quality monitoring stations shall be established in the down wind direction as well as where maximum ground level concentration of PM, SO₂ and NO_x are anticipated in consultation with the RSPCB. Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State Authorities. Monitoring of ambient air quality shall be carried out regularly in consultation with RSPCB and data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Lucknow, RSPCB and CPCB once in six months. The instruments used for ambient air quality monitoring shall be calibrated time to time.
- v. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vii. The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
- viii. The company shall undertake eco-development measures including community welfare measures in the project area.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP.
- x. A separate environmental management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.
- xi. Requisite funds shall be earmarked towards the capital cost and recurring cost/annum for environment pollution control measures shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry. The funds so provided shall not be diverted for any other purpose.
- xii. 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.

- xiii. 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 MOEF, the respective Zonal Office of CPCB and the RSPCB. The criteria pollutant levels namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral 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.
 - xiv. 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 MOEF, the respective Zonal Office of CPCB and the RSPCB. The Regional Office of this Ministry at Lucknow / CPCB / RSPCB shall monitor the stipulated conditions.
 - xv. 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 alongwith the status of compliance of environmental conditions and shall also be sent to the Regional Office of the MOEF at Lucknow by e-mail.
 - xvi. 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 RSPCB and may also be seen at Website of the Ministry of Environment and Forests 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 shall be forwarded to the Regional office at Lucknow.
 - xvii. 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.
 - xviii. The Regional Office of this Ministry at Lucknow / CPCB / RSPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data alongwith statistical interpretation shall be submitted to them regularly.
9. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

10. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

11. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.


(Dr. P. L. Ahujara)
Scientist 'F'

Copy to:

1. The Secretary, Department of Environment and Forests, Government of Rajasthan, Jaipur, Rajasthan.
2. The Chairman, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
4. The Chief Conservator of Forests (Central), Ministry of Environment and Forests, Central Region, Kendriya Sadan, Sector H, Aliganj, Lucknow - 226 024, U.P.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Guard File / Monitoring File / Record File.


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