

**F. No. J-11011/572/2007-IA II (I)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(I.A. Division)

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Dated: 11<sup>th</sup> May, 2017

To

**M/s Deccan Cements Ltd.**  
Village Mahankaligudem, Bhavanipuram  
Mandal Nereducherla, PO Janphad  
District Nalgonda, Telangana

**Subject: Increase of Clinker Production (1.0 MTPA to 1.20 MTPA) by modification in Cement Plant and increase in power generation (15 MW to 18 MW) by M/s Deccan Cements Ltd. located at Village Mahankaligudem, Mandal Nereducherla, District Nalgonda, Telangana (under Clause 7 (ii) of EIA Notification, 2006) – Environmental Clearance regarding.**

Sir,

This has reference to your online application No. IA/TG/IND/50564/2016 dated 26th February 2016 seeking environmental clearance under clause 7(ii) of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at S.No. 3(b), under category 'A' of the Schedule of EIA Notification, 2006 and appraised at the Central level.

2.0 M/s Deccan Cement Limited (DCL) is operating Cement Plant (Units I and II) at Village Mahankaligudem, Mandal Neredcherla, District Nalgonda, Telangana at a capacity of 1.0 MTPA (Clinker) & 1.5 MTPA (Cement). The project was earlier accorded Environment Clearance by the Ministry on 27<sup>th</sup> December 2007. The present proposal is for expansion of clinker plant from 1.00 MTPA to 1.20 MTPA and power generation from 15 to 18 MW by optimizing process operations.

3.0 The Regional Office has submitted the compliance report vide letter No. 'Nil' dated 25<sup>th</sup> May, 2016. The PP has complied will all the conditions stipulated in the EC letter No. J-11011/572/2007-IA.II(I) dated 27<sup>th</sup> December, 2007 except plantation of green belt. It has been mentioned in the report that out of 18 Ha the PP has brought 16.4 Ha under green belt development by planting different types of trees in and around the colony, cement plant

areas. The plantation work and survival rate is good. The PP committed that the remaining area will be planted during the next monsoon.

4.0 The project proponent has conducted a study on impact of clinker production and power generation on the surrounding forest areas. The report mentioned that there is no visible adverse impact on the reserve forest.

5.0 The proposal was earlier considered during the 1<sup>st</sup> meeting of Expert Appraisal Committee (EAC) (Industry-I) held on 18<sup>th</sup> to 20<sup>th</sup> November, 2015; 5<sup>th</sup> meeting held on 30<sup>th</sup> – 31<sup>st</sup> March, 2016; and again in the 11<sup>th</sup> meeting on 26<sup>th</sup> to 27<sup>th</sup> September, 2016 and recommended the project for Environmental Clearance and stipulated Specific Conditions along with other environmental conditions while considering for accord of environmental clearance.

6.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant environmental clearance to the above mentioned proposed Increase of Clinker Production (1.0 MTPA to 1.20 MTPA) by modification in Cement Plant and increase in power generation (15MW to 18 MW) by M/s Deccan Cements Ltd., under the provision of EIA Notification dated 14<sup>th</sup> September, 2006, as amended, subject to strict compliance of the following Specific and General conditions:

**A. SPECIFIC CONDITION:**

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- i. All the conditions stipulated *vide* environmental clearance letter No. J-11011/572/2007-IA.II(I) dated 27<sup>th</sup> December, 2007 should be complied with.
  - ii. 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.
  - iii. The Standards issued by the Ministry vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August 2014 and subsequent amendment dated 9<sup>th</sup> May 2016 and 10<sup>th</sup> May 2016 regarding cement plants with respect to particulate matter, SO<sub>2</sub> and NO<sub>x</sub> shall be followed.
  - iv. Efforts shall be made to achieve power consumption of 70 units/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.
  - 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 by use of conveyors/rail mode of transport wherever feasible. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.

- vi. Efforts shall be made to further reduce water consumption by using air cooled condensers. 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 shall be adopted.
- vii. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.
- viii. Green belt shall be developed in 33% of the project area within plant premises with at least 10 meters wide green belt on all sides along the periphery of the project area, along road sides etc. by planting native and broad leaved species in consultation with local DFO and local communities as per the CPCB guidelines.
- ix. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.
- x. At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly in a time bound manner.
- xi. The proponent shall prepare a detailed CSR Plan for every next 5 years for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, 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.
- xii. 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.
- xiii. The project proponent shall provide for LED lights in their offices and residential areas.



- xiv. 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, 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 authorities must strictly adhere to the stipulations made by the Telangana Pollution Control Board and the State Government.
- 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 (MoEF&CC).
- 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<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> 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 Chennai and the SPCB/CPCB once in six months.
- iv. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- v. 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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- 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.
- 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.

- 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, Forest and Climate Change (MoEF&CC) 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 Chennai. The funds so provided shall not be diverted for any other purpose.
- 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.
- 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 MOEF&CC at Chennai. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (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.
- 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 MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chennai / CPCB / SPCB shall monitor the stipulated conditions.
- 84 xiii. The environmental statement for each financial year ending 31<sup>st</sup> 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&CC at Chennai by e-mail.
- 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 (MoEF&CC) 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 Chennai.

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.

7.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

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

9.0 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 and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
(Sharath Kumar Pallerla)  
Scientist 'F' / Director

**Copy to:-**

1. The Secretary, Department of Environment, Government of Telangana.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110032.
3. The Chairman, A-3, Prayauaraana Bhavan, Industrial Estate Sanath Nagar, Moosapet, Moosapet, Hyderabad, Telangana 500018.
4. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), I<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 600034.
5. District Collector, Nalgonda, Telangana State.
6. Guard File / Record File/Monitoring file.
7. MoEF&CC Website

  
(Sharath Kumar Pallerla)  
Scientist 'F' / Director