

F. No. J-11011/226/2012-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

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Dated: 19th May, 2016

To

M/s Cemtac Cements Pvt. Ltd.
RCC Plaza, Nowgram Bypass
Srinagar (J & K)

Email: info@cemtac.com.jain, YP@yahoo.com

Subject: Expansion of Cement Plant(200 TPD to 2,500 TPD) (Phase I- 300 TPD and Phase II- 2,000 TPD) project of M/s Cemtac Cement Pvt. Ltd. located at Village Khrew, Tehsil Pampore, District Pulwama, J & K -Environment Clearance-regarding.

Sir,

This has reference to your letter No. CPIL/IIL/2015/001 dated 13th June, 2015 along with copies of EIA/EMP report seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the project mentioned above and subsequent letter dated 13th August, 2015. The ToR to the project was awarded by Ministry of Environment, Forest and Climate Change vide letter No. J-11011/226/1012-IA.II(I) dated 11th February, 2013 for preparation of EIA/EMP report. The plant is 5.03 km from the Dachigam National Park, therefore, as per amendment notification dated 25th November, 2014, falls under B category project. However, since the tenure of the J&K. SEIAA has been expired and SEIAA/SEAC has not been reconstituted, therefore, the proposal has been considered at the central level.

2.0 The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that M/s Cemtac Cement Pvt. Ltd. has proposed Cement Plant expansion from existing capacity of 200 MT/Day to 2500 MT/Day in two phases. 200 to 500 MT/Day expansion in Phase I and 500 to 2500 MT/day in Phase II. The industry intends to put up three (3) new vertical shaft kilns of 100 TPD capacity. In phase 2, the industry would increase its production from 500 MT/day to 2500 MT/day using the Rotary Kiln Technology. The industry is having its own captive mines in an area of 29.4141 hectares for the extraction of limestone for the cement plant. The industry would be extracting the raw limestones from the captive mines for its use in the cement manufacturing process. No litigation/Court case is pending pertaining to the project. The site is located at Solnaran Saturnmarg Khrew, Pampore, Pulwama, Jammu and Kashmir. The latitude/longitude of the site are 34°03' North and 75°02' East and situated at an altitude of 1630 meters. The existing cement manufacturing complex has been developed in an area of about 10 hectares, in an approved industrial limestone area of Jammu and Kashmir. Phase - I of the project to be implemented in existing land area of 10 Hectares/24.7acres/200 kanals and for Phase - II, additional land around 15

Hectares/37.5 Acres/300Kanals has to be acquired. It has been mentioned that 10 Hectares/24.7acres/200 kanals is already under possession and 15 Hectares/37.5 Acres/300Kanals has to be acquired. Following table shows the requirement of raw material. The man power required for the project is 100 persons for the existing plant. For phase - I, 150 persons are required and for phase - II, 300 persons are required.

Particulars	Existing (200 TPD)	Phase I (500 TPD)	Phase II (2500 TPD)
Limestone	250	625	3000
Coal/Pet	40	100	500
Coke	-	-	-
Gypsum/Clay	50	130	650
Iron Dust	3.5	8.5	42.5

3.0 The proposed location of the project is within the Khrew Limestone area in District Pulwama which is suitable for mining of lime stone. The industrial unit is having an area of 29.4141 hectares of land for the mining of limestone for captive consumption adjoining to the site. The mining site is in the name of the director of the company and has been granted lease by the Jammu and Kashmir Government for 20 years.

4.0 Pet Coke/coal shall be used as fuel for the project. Phase-I will require 33000 MT/Annum of fuel and Phase-II will require 165000 MT/Annum of fuel. Ground Water at the rate of 75 m³/day (maximum) shall be used for the process. There will be no discharge from the industrial units however, domestic effluent to the tune of 12 m³/day will be generated.

5.0 Public hearing was conducted on 2nd May, 2013 at Khrew, Tehsil Pampore, dist Pulwama under the chairmanship of Additional District Magistrate Pulwama.

6.0 It has been observed by the Committee that the existing mining lease was accorded to the PP in the year 2002. The Mining activity was started in 2005. It has been mentioned that they have yet to apply for environment clearance for the mining project. However, they have already conducted PH for both mine and cement project. As per OM dated 24th December 2010, PH conducted for both the activities should be permissible. The Committee agreed to the point mentioned by the PP.

7.0 The aforesaid proposal was considered by the Expert Appraisal Committee (EAC) in its 43rd EAC meeting held during 2nd -3rd July, 2015 and in the 47th meeting held on 3rd - 4th September, 2015. After detailed deliberations, the EAC (I) recommended the project for Environmental Clearance and stipulated specific conditions along with other environmental conditions while considering for accord of Environmental Clearance.

8.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry) and hereby decided to grant Environmental Clearance to the above mentioned proposal of Expansion of Cement Plant (200 TPD to 2,500 TPD) (Phase I- 300 TPD and Phase II- 2,000

TPD) project of M/s Cemtac Cement Pvt. Ltd. subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITION:

- i. Prior clearance from the Standing Committee of the National Board for Wildlife shall be obtained due to location of the plant within 10 km radius from Dachigam National Park (as prior clearance of NBWL is required for a project if it is located in 10 km of a Protected Area/Sanctuary or Eco Sensitive Zone as per the Hon'ble Supreme Court order dated 4.12.2006 in W.P. 460/2004), before commencing any activity relating to the project at site. All the conditions stipulated by the Standing Committee shall be effectively implemented in the project. It shall be noted that this clearance does not necessarily implies that wildlife clearance shall be granted to the project and that your proposal for wildlife clearance shall be considered by the competent authorities on its merit and decision taken. The investment made in the project, if any based on environmental clearance granted to the project, in anticipation of the clearance from wildlife clearance shall be entirely at the cost and risk of the project proponent and Ministry of Environment, Forest and Climate Change shall not be responsible in this regard, in any manner.
- ii. The project proponent should install 24x7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional Office. Emission for particulate matter should be restricted to 30 mg/m³.
- iii. The expansion project shall comply with the new MOEF&CC Standards notified vide GSR 612 (F) dated 25.08.2014 with respect to Cement sector.
- iv. All the pollution control devices/equipment in the grinding unit shall be interlocked so that in the event of the pollution control devices/systems not working, the respective unit(s) shut down automatically.
- v. 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.
- vi. 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.
- vii. 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.
- viii. Storage of material should be in covered area.

- ix. Rain water harvesting plan shall be prepared and shall supplement the water requirements of the project.
- x. 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
- xi. 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.
- xii. All the commitments made to the public during the Public Hearing / Public Consultation meeting shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office.
- xiii. At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing Issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Chandigarh. The proponent shall prepare a detailed ESC 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 ESC 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 ESC 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, Chandigarh. The details of the ESC Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.
- 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 Jammu & Kashmir 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 (MoEFCC).

- 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 Chandigarh 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 19th May, 1993 and 31st 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 (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 Chandigarh. 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 MOEFCC at Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM_{10} , SO_2 , NO_x

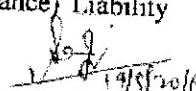
(ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

- 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 MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh / CPCB / SPCB shall monitor the stipulated conditions.
- 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 MOEFCC at Chandigarh 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 (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 Chandigarh.
- 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.

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

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

11.0 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 Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.


(Dr. Satish C. Garkoti)
Scientist 'F'

Copy to:-

1. The Secretary, Department of Environment, Government of Jammu & Kashmir.

2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.]
3. The Chairman J&K State Pollution Control Board, Parivesh Bhawan, Shiekh-ul-Campus, behind Govt. Silk Factory, Raj Bagh, Srinagar(J&K)
4. The Additional Principal Chief Conservator of Forests (C) Ministry of Environment, Forest & Climate Change, Regional Office (NZ) Bays No. 24-25, Sector-31 A, Dakshin Marg, Chandigarh-160030
5. Guard File / Record File/Monitoring file.

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