

F.No. J-11011/145/2009-IA.II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
JorBagh Road, Aliganj,
New Delhi - 110003
E-mail: dirind-moefcc@gov.in
Tel: 011-24695368
Dated: 27.02.2020

To

M/s RCCPL Pvt Ltd
(Formerly M/s Reliance Cement Company Pvt. Ltd.)
Mukutban & Adegoan, Taluka Zari Zamni,
District Yavatmal, Maharashtra-445304.

Subject: Cement Plant of **M/s RCCPL Pvt Ltd** (Formerly M/s Reliance Cement Company Pvt. Ltd.) for production of Clinker (2.9 MTPA), Cement (4.8 MTPA) along with Captive Power Plant (75 MW) located at Village Mukutban & Adegoan, Taluka Zari Zamni, District Yavatmal, **Maharashtra- Extension of Validity of Environment Clearance-** regarding.

Sir,

This has reference to your online application vide proposal no. IA/MH/IND/113541/2019 dated 4th December, 2019 in the prescribed Form-6 along with other documents seeking extension of validity of Environmental Clearance (EC) under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at Sl. No. 3(b) Cement Plants under Category "A" EIA Notification, 2006 and the proposal is appraised at Central level.

Details submitted by the project proponent

2. Integrated Cement Plant of M/s Reliance Cement Company Pvt. Ltd was granted EC for (Clinker- 2.9 MTPA, Cement-4.8 MTPA) along with Captive Power Plant (75 MW) at Survey Nos. 42-46, 49-66, 104-131, 135-138, 162 and 164-168 etc., Village: Mukutban and Sy Nos. 312-322, 324-329 and 381-384 etc., in Village Adegaon and Captive Limestone (Limestone-3.75 MTPA, 572.17 ha) at Villages Pimparwadi, Bahilampur, Hirapur, Ruikot and Govindpur, District Yavatmal, Maharashtra vide File No. J-11011/145/2009-IA-II(I) dated 25.02.2013 and further accorded name change as M/s RCCPL Pvt Ltd in the EC vide letter dated 20.11.2019. The captive mine was opened on 14.06.2018 and the mine development work is in progress.
3. Civil work started in January 2019 after the final approval from Govt. of Maharashtra for diversion of forest land and finalizing the vendors. Present Status as on date showing major activities and schedule of completion of balance project work is as below:

Sl. No.	Major activities of the project	Present Status activity wise		Activity End by
		Details	Completed	
1.	Raw Mill Section	Civil Work in progress	30%	Sep, 2021
2.	Pyro Section	Civil Work in progress	32%	Oct, 2021
3.	Cement Grinding Section	Civil Work in progress	26%	Oct, 2021

4.	Packing and Loading	Civil Work in progress	25%	Oct, 2021
5.	Captive Power Plant	Civil Work and structural work in progress	29%	Jun, 2021
6.	Railway Sliding	Civil Work in progress	29%	Dec, 2021

4. The proposal was considered in the 14th meeting of Reconstitute Expert Appraisal Committee (Industry-I) held during 23– 24th December, 2019.

Observations of the Committee

5. The construction work on the site was started by the Project Proponent after final approval of Forest Diversion proposal and work is in progress.
6. The name of the company was changed to RCCPL Ltd and the name change in the EC was issued on 20.11.2019.

Recommendations of the Committee

7. After detailed deliberations, the committee recommended the proposal for extension of validity of Environmental Clearance up to three years, i.e. 24.02.2023.

Decision of MoEF&CC

8. The Ministry considered the above recommendation of EAC and here by extend the validity of EC issued vide letter even no. dated 25.02.2013 for further period of 3 years, i.e., upto 24.02.2023.
9. All other terms and conditions in the EC issued vide letter even no. dated 25.02.2013 shall remain the same.
10. The PP shall obtain fresh environmental clearance in case of change in scope of the project if any.

This issues with the approval of competent authority


(A.K. Agrawal)
Director

Copy to:-

1. **Secretary**, Department of Environment, Government of Maharashtra, Secretariat Mumbai.
2. **Deputy Director General of Forests (C)**, Ministry of Environment, Forest and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building Civil Lines, Nagpur-440001
3. **Chairman**, Maharashtra Pollution Control Board, Kalpatru Point, Sion Circle, Sion (East), Mumbai-400 022, Maharashtra
4. **Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
5. **Member Secretary**, Central Ground Water Authority, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011.
6. **District Collector**, District Yavatmal, Government of Maharashtra
7. **Guard File / Record file / Monitoring file.**
8. **MOEF&CC Website.**


(A.K. Agrawal)
Director

F. No. J-11011/145/2009-IA-II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

E-mail: vp.upadhyay@nic.in

Telefax: 011: 2436 2875

Dated: 25th February, 2013

To

M/s Reliance Cement Company Private Limited,
Dhirubhai Ambani Knowledge City,
E Block, 1st Floor, Wing 3,
Thane Belapur Road, Koparkhairane,
Navi Mumbai-400710.

Tel: 022-30383333; Fax: 022-30384399; Email: arvind.n.pathak@relianceada.com

Sub : Integrated Cement Plant (Clinker, 2.9 MTPA; Cement, 4.8 MTPA) along with Captive Power Plant (75 MW) at Survey Nos. 42-46, 49-66, 104-131, 135-138, 162 and 164-168 etc., Village Mukutban and Sy Nos. 312-322, 324-329 and 381-384 etc., Village Adegaon and Captive Limestone Mine (Limestone 3.75 MTPA; 572.17 ha.) at Villages Pimprawadi, Bahilampur, Hirapur, Ruikot and Govindpur, District Yavatmal, Maharashtra by **M/s Reliance Cementation Pvt. Limited - regarding Environmental clearance**

Sir,

This has reference to your letter No. RCPL/Env./MoEF/Mukutban dated 11.2.2010 along with copies of final EIA/EMP and Public Hearing reports seeking environmental clearance under the provisions of EIA Notification, 2006.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that the proposal is for Integrated Cement Plant (Clinker, 2.9 MTPA; Cement, 4.8 MTPA) along with Captive Power Plant (75 MW) at Survey Nos. 42-46, 49-66, 104-131, 135-138, 162 and 164-168 etc., Village Mukutban and Sy Nos. 312-322, 324-329 and 381-384 etc., Village Adegaon and Captive Limestone Mine (Limestone 3.75 MTPA; 572.17 ha.) at Villages Pimprawadi, Bahilampur, Hirapur, Ruikot and Govindpur, District Yavatmal, Maharashtra. Total project area is 173.8 ha. for the cement plant & CPP and 572.17 ha. of limestone mine. Out of the 173.8 ha., green belt will be developed in 61.7 ha. No R & R of families is involved in the project area and 113 land losers would be present. Out of 572.17 ha. of mine lease area, 467.45 ha. is the forest land. MoEF has accorded in-principal (Stage-I) approval for the diversion of 467.45 ha. of forest land on 19.12.2012. Pardi RF (9.0 km, SE), Mangalhira RF (8.0 km, S), Aradwan RF (3.6 km, WNW), Sekapur RF (4.5 km, NW), Paunar RF (8.0 km, SE), Ruikot RF (4.0 km, NNW), Chilai RF (7.0 km, ENE), Akapur RF (6.8 km, ESE) and Yedsi PF (3.6 km, SE) are located within 10 km radius of the proposed project site. There are no national park and wild life sanctuaries within 10 km radius of the project site. Total cost of the project is Rs. 2,400.0 Crores. Rs. 240.0 Crores and Rs. 4.0 Crores will be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures.

3. Limestone (4.35 MTPA), Gypsum (0.24 MTPA), Coal (1.0 MTPA), Fly ash (1.68 MTPA) and Laterite/Bauxite/Blue dust (0.19 MTPA) will be used as raw materials for cement plant. MoU has been signed with PT Sumukha Coal Services, Indonesia for imported coal.

Total power requirement for the project will be made available from the proposed Captive Power Plant (75 MW). Method of mining will be open cast mechanized. Life of the mine will be 16 years. To reduce blast vibrations, non-electric, milli-second detonators will be used. There will be no secondary blasting. In the post mining land use, about 34.53 ha. of mining area will be under green belt.

4. Bag house for raw mill, kiln & cement mill, bag filters for limestone crusher, raw materials weigh feeders area, blending silo/kiln feed, coal mill, clinker silo top, roller press & feeding circuit, cement silo & packing plant and ESP for clinker cooler will be installed. Adequate stack height shall be provided for dispersion of gaseous emissions. Low NOx burners & controlled combustion systems shall be used and raw material handling section shall be provided with dust extraction/dust suppression systems. A Waste Heat Recovery Boiler (WHRB), to use the waste gases from the pre-heater/cooler to generate power is envisaged.

5. Total water requirement will be 2,750 m³/day and will be met from the ground water source. In principal approval from CGWA for use of ground water is obtained and there would be no interception of ground water during mining. Water harvesting and recharge of 2.05 mcm/year will be done as against the water requirement of 1.0 mcm/year. All the effluent will be treated and used in cement manufacturing process, dust suppression and green belt development. No effluent will be discharged and 'zero' discharge will be adopted. Sewage will be treated in STP and reused for irrigation, dust suppression and cooling etc. No solid waste will be generated from the process and all the solid waste generated will be recycled/ reused in the process. Waste oil and grease will be sold to authorized recyclers / re-processors and also used in kiln as alternate fuel. Overburden from mine will be used for back filling and plantation and the mined area will be reclaimed.

6. All the cement plants and limestone mining projects are listed at S.No. 3(b) and 1(a) under category 'A' of the Schedule of EIA Notification, 2006 and appraised at the Central level. The proposal was considered by the Expert Appraisal Committee (Industry) in its 18th meeting held during 24th – 25th January, 2011. Public hearing was conducted on 14th October, 2010. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions.

7. Based on the information submitted by you and presentation made by you and the Consultant, M/s Vimta Labs, Hyderabad, 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. No construction activity at the project site shall be initiated till the Stage - II forestry clearance for diversion of 467.45 ha of forest land is obtained under the Forest (Conservation) Act, 1980.
- ii. Compensation to the land oustees shall be provided as per the National Resettlement and Rehabilitation Policy, 2007 and as per the State Government Policy, in consultation with the State Government of Maharashtra. Compensation paid in any case shall not be less than the norms prescribed under National Resettlement and Rehabilitation Policy, 2007.
- iii. Continuous monitoring system to monitor gaseous emissions shall be provided and limit of PM should be controlled within 50 mg/Nm³ by installing adequate air pollution control system and energy efficient technology.

- iv. 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 should be prepared and submitted to the Ministry and its Regional Office at Bhopal within 3 months from the date of issue of the letter.
- v. Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.
- vi. Asphaltting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM should be ensured.
- vii. Efforts should 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 should not be overloaded. Vehicular emissions shall be regularly monitored.
- viii. Total water requirement for the proposed expansion shall not exceed 2,750 m³/day. Rainwater harvesting measures should be adopted for the augmentation of ground water at cement plant, colony and mine site. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water and reduce the water requirement pressure from the river. An action plan should be submitted to Ministry's Regional Office at Bhopal within 3 months from date of issue of this letter.
- ix. The project proponent shall ensure that no natural water course shall be obstructed due to any mining operations.
- x. Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.
- xi. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.
- xii. Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional Director, Central Ground Water Board. The frequency of monitoring should be four times a year- pre-monsoon (April / May), monsoon (August), post-monsoon (November), and winter (January). Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Bhopal, Central Ground Water Authority and State Ground Water Board.
- xiii. Dimension of the retaining wall at the toe of inter burden dumps and inter burden benches within the mine to check run-off and siltation should be based on the rain fall data.

- xiv. Suitable conservation measures to augment ground water resources in the area should be planned and implemented in consultation with Regional Director, Central Ground Water Board.
- xv. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash should be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding should be submitted to the Ministry's Regional Office at Bhopal.
- xvi. All the bag filter dust, raw meal 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.
- xvii. An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.
- xviii. Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.
- xix. A Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office at Bhopal, SPCB and CPCB within 3 months of issue of environment clearance letter.
- xx. Blasting operation shall be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
- xxi. Wet drilling with provision for the control of air emissions shall be used.
- xxii. Bench height, width and slope for individual bench should be properly assessed and implemented. Adequate measures should be adopted to stabilize the slope before abandonment. The fencing around the reservoir shall be provided to prevent accidents.
- xxiii. Action plan for the mining, management of over burden (removal, storage, disposal etc.), reclamation of the mined out area and mine closure shall be submitted to the Ministry and its Regional Office at Bhopal.
- xxiv. The inter burden and other waste generated should be stacked at earmarked dump site(s) only and should not be kept active for long period. The total height of the dumps should not exceed 30 m in three terraces of 10 m each and the overall slope of the dump should be maintained to 28° . The inter burden dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office, Bhopal on six monthly basis.
- xxv. The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the area for external over burden dump by suitably increasing the height of the dumps with proper terracing. It should be ensured that the overall slope of the dump does not exceed 28° .

- xxvi. The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit should be terraced and plantation done to stabilize the slopes. The slope of higher benches should be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.
- xxvii. Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.
- xxviii. As proposed, green belt shall be developed in at least 33 % in cement plant and all the mined out area except used for reservoir.
- xxix. All the safety norms stipulated by the Director General, Mine & Safety (DGMS) should be implemented.
- xxx. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants should be implemented.
- xxxi. The company shall adopt well laid down corporate environment policy and identified and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with environmental clearance, environmental laws and regulations.
- xxxii. The company shall comply with the commitments made during public hearing held on 14th October, 2010 and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhopal.
- xxxiii. At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal. Implementation of such program should be ensured accordingly in a time bound manner.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra 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 and Forests.
- iii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed.
- iv. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
- v. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, SO₂ 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 Bhopal and the SPCB/CPCB once in six months.

- 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 EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).
- vii. Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.
- viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- ix. 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.
- x. Requisite amount 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 and Forests 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 Bhopal. The funds so provided shall not be diverted for any other purpose.
- xi. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla 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.
- xii. 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 at Bhopal. The respective Zonal Office of CPCB and the SPCB. 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.
- xiii. 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 SPCB. The Regional Office of this Ministry at Bhopal/CPCB/SPCB shall monitor the stipulated conditions.
- xiv. 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 Bhopal by e-mail.

- xv. 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 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 should be forwarded to the Regional office at Bhopal.
- xvi. 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.
8. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
9. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
10. 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.V.P.Upadhyay)
Director(S)

Copy to:

1. The Secretary, Department of Environment and Forests, Govt. of Maharashtra.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022
4. The Chief Conservator of Forests (Eastern), Regional Office (Western Zone), E-3/240, Arera Colony, Bhopal - 462 016, M.P.
5. The Director (Monitoring Cell), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File/Monitoring File/Record File.

(Dr.V.P.Upadhyay)
Director(S)