

Deccan Cements Limited, Bhavanipuram Lime stone Mine -3, Ravipahad
Palakeedu,Suryapet(Dist). Telangana-508218
MoEF No: J-11015/375/2015-IA.II (M) dated 05.01.2017

DECCAN CEMENTS LIMITED



WORKS: BHAVANIPURAM,
JANPAHAD P.O., PIN : 508 218,
SURYAPET, DIST. (TS)
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CIN : L26942TG1979PLC002500
Website : www.deccancements.com

DCL: PQC: MOEF: CHE/ML 3:2017

Date: 29.05.2017

To

Additional Director,
Government of India,
Ministry Of Environment, Forests & Climate Change
Regional Office (Southeastern zone),
1st & 2nd Floor, HEPC Building, No.34,
Catherdral Road, Nungambakkam, Chennai-600034
Tel No 044-28222325,roefccc@gmail.com

Sub: Submission of status of compliance for the period Sept 2016 to March 2017
Ref: MoEF No.J-11015/642/2007-IA II(M) dated 18.10.2007

Dear Sir,

We are herewith enclosing the Status of Compliance to Environmental Clearance accorded by Ministry of Environment and Forest & Climate Change, vide MoEF No.J-11015/642/2007-IA II(M) dated 18.10.2007 for Bhavanipuram Limestone Mine -3 (183.11 Ha) along with enclosures

We will be pleased furnished any other information as desired by you.

Thanking you,

Yours faithfully
For Deccan Cements Limited

S Venkateswarlu
Sr. Vice President (Works)

Status of Environmental Clearances received from MOEF vide MoEF No.J-11015/375/2015-IA II(M) dated 18.10.2007 Bhavanipuram Limestone Mine– 3(183.11 Ha), as on March 2017.

1. Mining activities in commenced as per MOEF clearance
2. Compliance reports are enclosed herewith for all the conditions stipulated by MoEF.
3. Next report will be sent in December 2017 enhanced mining operations.
4. Applied for the CFO for enhanced capacity

A. Specific Conditions:

<u>Conditions</u>	<u>Compliance</u>
(i) Environmental clearance is subjected to obtaining forest clearance for diversion of forest land under the Forests (Conservation) Act, 1980, shall be obtained	Forest clearance has been obtained vide MoEF letter Dated 21. Feb 2012
(ii) Environmental clearance is subjected to obtaining approval from Indian bureau of mines for mining plan /scheme and progressive mine closure plan.	IBM clearance has been obtained vide IBM letter Dated AP/NLG/MP/MN-73/HYD Dated 09.02.2015.
(iii) Mining activity at Mine-3(ML area 183.11 ha) at village Ravipahad shall begin only after the Bhavanipuram Lime stone mine -2 (ML area 73.93 ha) located at village Mahankaligudem, adjacent to this mine, has exhausted its mineable ore.	Against requirement of 2.0MTPA from this mine, approval has been received for only 0.3 MTPA to blend the Lime Stone from ML-2 and ML-3 depletion of reserves from ML-2 is extended further.
(iv) Conceptual Mining plan for every 5 years for the life of the mine shall be prepared and submitted to the ministry within six months.	Noted and shall be complied Conceptual Mining plan for the period of 5 years is valid up to 2018.
(v) Measures for control of soil erosion and management of silt shall be prepared and submitted to the ministry within 6 months.	There is no overburden in the mine.
(vi) Action plan for abatement and compensation for damages to agricultural land /common property land (if any) due to mining activity shall be submitted to the Ministry within six months.	The total mining area is under reserve forest and is in compliance with the stipulations under FC Act 1980.
(vii) Water quality both for surface as well as ground water in the core zone shall be regularly	Both ground and surface water is monitored. If any contamination is found, it will be reported to

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<p>monitored and records maintained. In case contamination is observed, measures for control and action taken shall be reported to the state government as well as the Ministry.</p>	<p>the State Government and the Ministry.</p>
<p>(viii) Water bodies shall be developed and utilized to develop pisciculture by organizing Fishermen co-operative society with the land losers(if any) and specially the poorer section as members of such society with initial financial assistance in the form of share money and managerial assistance so that the members themselves can run the affairs of the society in due course. The project proponent shall arrange marketing tie up so that the society gets fair price of their product and the profits are equitably shared by the members of the society as regular source of income.</p>	<p>The entire mine area is in the Forest land, only water body available is in the abandoned mine pit which lies in the Forest area and the legal status remains same. The plant is located on the banks of Krishna River and the villagers are dependent on fishing from the river.</p>
<p>(ix) Action taken report on issues raised during public hearing shall be submitted to the Ministry and the State Govt., within six months</p>	<p>Issues that arose during public hearing are addressed.</p>
<p>(x) Occupational health and safety measures for the workers including training on malaria eradication, HIV, health effects on exposure to mineral dust etc., shall be carried out. The company shall engage a full time qualified doctor who is trained in occupational health surveillance. Records of the health of the workers shall be maintained</p>	<p>Under a qualified Doctor's supervision full time occupational health centre in operation. The doctor who is trained in occupational health surveillance carries out the training program and safety workshops to the employees to prevent and eradicate the diseases like. HIV, Malaria and, health effects on exposure to mineral dust etc... Periodical medical checkup of the all workers are conducted and health records are maintained.</p>
<p>(xi) Top soil/solid waste (if any) shall be stacked properly with proper slope with adequate safeguards and shall be backfilled for reclamation and rehabilitation of mined out area.</p>	<p>No top soil or Over burden is available in the mining area, since limestone is outcropped. Small pocket of soil is available which is removed and use for plantation.</p>
<p>(xii) Over burden (if any) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferable be of 10 m and overall slope of the dump shall not exceed 28°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and</p>	<p>There is no over burden in the mine. Small pockets of soil are available which is removed and used for the plantation purpose.</p>

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<p>surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.</p>	
<p>(xiii) Garland drains shall be constructed to arrest silt and sediment flows from soil, and mineral dumps. The water so collected shall be utilized for watering the mine area roads, green belt development etc. The drains shall be regularly de-silted particularly after monsoon and maintained properly. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rain fall (based on 50 years data) and maximum discharge in the adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of slit material. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.</p>	<p>Company will comply with this condition as and when the mine progress</p>
<p>(xiv) Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.</p>	<p>Noted and shall be implemented.</p>
<p>(xv) Drilling and blasting (if any) shall be conducted by using dust extractors/wet drilling.</p>	<p>Wet drilling is being carried out and blasting is carried out by using inhole delay initiation system (Excel/Nonel).</p>
<p>(xvi) Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Agriculture department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Plantation shall be raised in 27.32 ha around the ML area, haul roads, OB dump sites etc., the density of the trees shall be around 2500 plants per ha. The company shall involve local people with the help of self help group for plantation programme.</p>	<p>Company will comply with this condition parallel to the mine progress. Green belt development has been taken up in the 1.74 Ha and 4350 sampling already planted.</p>
<p>(xvii) The project authority shall implement suitable conservation measures to augment ground</p>	<p>Noted will be complied</p>

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<p>water resources in the area in consultation with the Regional Director, Central Ground Water Board.</p>	
<p>(xviii) Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and construction new piezo meters during the mining operation. The monitoring shall be carried out four times in a year – pre monsoon(April-May), monsoon (August), post –monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MOEF, Central Ground Water Authority and Regional Director, Central Ground Water Board.</p>	<p>Noted will be complied Ground water in this initial stage has not been encountered</p>
<p>(xix) Prior permission from the competent authority shall be obtained for extraction of ground water, if any.</p>	<p>Noted and will be complied.</p>
<p>(xx) Vehicles used for transportation of ores and other mining operations shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of ores. Transporting of ores shall be done covered with tarpaulin or other suitable enclosures so that no dust particles/fine matters escape during the course of transportation. No overloading of ores for transportation shall be undertaken.</p>	<p>All vehicles deployed in mining operation having valid permit as per under Central Motor Vehicle Rules, 1989 and its amendments and are plying under proper supervision. Care is taken to evade over loading of ore during transportation.</p>
<p>(xxi) A final mine closure plan, along with details of Corpus fund, shall be submitted to the Ministry of Environment & Forests, 5years in advance of final mine closure for approval.</p>	<p>Note and shall be complied at appropriate time.</p>

B.GENERAL CONDITIONS:

<u>Conditions</u>	<u>Compliance</u>
(i) No change of mining technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests.	Noted and followed. No change in mining technology and scope of working will be made without prior permission.
(ii) No change in the calendar plan including excavation, quantum of mineral, limestone and waste shall be made.	Noted and followed. Applied for the ministry to approve the expansion from 0.3 MTPA to 2.3 MTPA Environmental Clearance accorded vide MoEF No: J-11015/375/2015-IA.II(M), Date: 5 th January 2017
(iii) Conservation measures for protection of flora and fauna in the core & buffer zone shall be drawn up in consultation with the local forest and wildlife department.	Protection of flora and fauna is being carried as per advice of forest department.
(iv) Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO ₂ , No _x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring of monitoring should be undertaken in consultation with the State Pollution Control Board.	Ambient air quality monitoring station established in the core zone & buffer zone of the mine as per the recommendation and prior approval from the PCB. Third party monitoring is carried on regular basis. Data is being submitted once in three months to TSPCB, RO, Nalgonda.
(v) Data on ambient air quality (RSPM, SPM, SO ₂ , No _x) should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/Central Pollution Control Board once in six months.	Noted and will be followed Monitoring data of ambient air quality (RSPM, SPM, SO ₂ , No _x) regularly submitted to Regional Office, Chennai, SPCB and CPCB once in the six months.

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(vi) Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained	Fugitive emissions are controlled by water spraying on the haul roads, loading, unloading and discharge points. All these provisions are monitored and maintained properly.
(vii) Measures shall be taken for control of noise levels below 85 dBA in the working environment. Workers engaged in operations of HEMM, etc. Shall be provided with ear plugs/muffs	Noted and measures will be taken to control noise level and all the workmen engaged in operations of HEMM, etc are provided with ear plugs/muffs.
(viii) Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.	No industrial waste water encountered in the mining area.
(ix) Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.	Personnel Protective Equipments are provided to all the persons working in mines. Training and information is imparted to them on health and safety aspects under the Mines Vocational Training Rules, 1966.
(x) A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate cell is constituted to manage the environmental activities, which is enclosed herewith
(xi) The project authorities shall inform to the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Mine commencement and operation has been communicated to the MoEF, IBM and DMS on entering into the mining agreement.
(xii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purposes. Year wise expenditure shall be reported to Ministry and its Regional Office at Bangalore.	Separate fund is earmarked for environmental protection activities. Expenditure incurred will be intimated at the closure of financial year Rupees 17,55,051/-

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<p>(xiii) The project authorities shall inform to the Regional Office of the Ministry located at Bangalore regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.</p>	<p>Same in(xi)</p>
<p>(xiv) The Regional Office of the Ministry, Chennai shall monitor compliances of the stipulated conditions. The project authorities shall extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data/information/monitoring reports.</p>	<p>Noted and will be followed. 04.05.2016 to 05.05.2016 During this period official visited from RO and inspection was carried out.</p>
<p>(xv) A copy of clearance letter will be marked to concerned Panchayat /local NGO, if any, from whom suggestion/representation has been received while processing the proposal.</p>	<p>Copy of the MOEF clearance has been submitted to the Gram Panchayat.</p>
<p>(xvi) State Pollution Control Board shall display a copy of the clearance letter at the Regional Office. District Industry Centre and Collector's office/Tehsildar's office for 30 days.</p>	<p>Complied.</p>
<p>(xvii) The project authorities shall advertise in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of same shall be forwarded to the Regional Office of the Ministry located Bangalore.</p>	<p>Complied. The necessary advertisements have already been released.</p>

Deccan Cements Ltd.,

Environment Management Cell- As on: 30.09.2015.

- | | |
|---|---------------|
| 1. S.Venkateswarulu Vice President (works) | : Chairman |
| 2. D.Kalyan Chakravarthy, Chief Manager (Mines) | : Coordinator |
| 3. M Suresh Kumar Dy.Manager (PQC) | : Member |
| 4. P Narashimha Rao, Engineer (Process) | : Member |
| 5. A RamBabu (Geologist) | : Member |

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	TELANGANA STATE POLLUTION CONTROL BOARD Paryavarana Bhavan, A-3, Industrial Estate, Sanathnagar, Hyderabad - 500018 Ph: 040-23887500 Fax: 040- 23815631 Website: appcb.ap.nic.in
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CONSENT & AUTHORISATION ORDER

// BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE //

Consent Order No: TSPCB/RCP/NLG/20726/HO/CFO/2015-1497 Date: 17.10.2015

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof.

CONSENT is hereby renewed under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and the rules and orders made there under to:

**M/s. Deccan Cements Ltd, (Mine - 3),
Ravipahad (V), Nereducherla (M),
Nalgonda District.**
E-mail: sureshkumar.m@deccancements.com

(Hereinafter referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as detailed below:

I. Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge (KLD)	Point of Disposal
1.	Domestic	0.5	Septic Tank followed by soak pit.

This order is subject to the provisions of the Acts and orders made there under and further subject to the terms and conditions incorporated in the schedule A & B enclosed to this order.

This consent order is valid for Mining of Limestone to the following Capacity only as permitted in the Environment Clearance (EC) for Lime Stone Mining in Mine lease area of 183.11 Ha.

S. No	Product	Quantity
1	Lime Stone Mining	0.3 Million MTPA (910 TPD) in an area of 183.11 Ha



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This order is subject to the provisions of 'the Acts' and the Rules' and orders made there under and further subject to the terms and conditions incorporated in the schedule A and B enclosed to this order.

The consent shall be valid for a period ending with the 30th day of April, 2018.

Sd/-
MEMBER SECRETARY

To
✓ M/s. Deccan Cements Ltd, (Mine - 3),
Ravipahad (V), Nereducherla (M),
Nalgonda District.

// T.C.F.B.O//


Senior Environmental Engineer

Deccan Cements Limited, Bhavanipuram Lime stone Mine -3, Ravipahad
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