

Deccan Cements Limited, Bhavanipuram Lime stone Mine -3, Ravipahad
Palakeedu,Suryapet(Dist). Telangana-508218
MoEF No: J-11015/642/2007-IA.II (M) dated 18.10.2007

DECCAN CEMENTS LIMITED



WORKS : BHAVANIPURAM,
JANPAHAD (Post.), PIN : 508 218
PALAKAVEEDU (Mandal),
SURYAPET Dist. (T.S)
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DCL:MoEFRO:EC/2024/PQC/ENV/ML3_Old

08.11.2024

To

**The Inspector General of Forests,
Ministry of Environment, Forest & Climate Change,
IRO-Hyderabad,
3rd Floor, Aranya Bhavan,
Opp:RBI,Saifabad ,Hyderabad
Telangana- 500004
iro.hyderabad-moefcc@gov.in**

Sub: Submission Status of Compliance for the period "April'2024 to Sept-2024"

Ref: MoEF No.J-11015/642/2007-IA II (M) dated 18.10.2007

Dear Sir,

We are here with 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 to Deccan Cements Limited, for Bhavanipuram Limestone Mine-3 (183.11 Ha) for production of Limestone 0.3 MTPA along with enclosures Same has been uploaded in the Deccan Cements web site.

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

Thanking you,

Your's faithfully
For M/s Deccan Cements Limited

Authorized Signatory
cc to : HO ,TSPCB, Hyderabad



REGD. OFFICE : 6-3-666/B, "Deccan Chambers", Somajiguda, Hyderabad - 500 082.
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Status of Environmental Clearances received from MOEF vide MoEF No.J-11015/642/2007-IA II (M) dated 18.10.2007 Bhavanipuram Limestone Mine-3(183.11 Ha), as on Sept'2024.

1. Compliance reports are enclosed herewith for all the conditions stipulated by MoEF.
2. Next report will be sent in June'2025.

S No	Conditions	Compliance
i	Environmental Clearance is subjected to obtaining forest clearance for diversion of forest land under the forests (Conservation) Act, 1980.	Complied We have obtained forest clearance vide MoEF, Letter No F- No.8.85/311-FC Dated 21 Feb 2012
ii	Environmental Clearance is subjected to obtaining approver from Indian bureau of Mines for mining plan /Scheme and Progressive mine closure plan.	Complied We have obtained IBM clearance vide IBM letter No: AP/NLG/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.	The condition is dropped in the EC granted vide letter no. J-11015/375/2015-IA.II(M) dated 05.01.2017 as per the proceedings of personal hearing held on 24.09.2021 by JS,MoEF.
iv	Conceptual mining plan for 5 years for the life of the mine shall be prepared and submitted to the ministry within six months.	Complied
v	Measures for control soil erosion and management of silt shall be prepared and submitted to the ministry within six months.	Complied. 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 ministry within six months.	The total mining area is under reserve forestland and complies with the stipulations under FC Act 1980. There are no damages to agricultural land/ common property due to mining activity and the mining activities under initial stages.
vii	Water quality both for surface as well as ground water in the core zone be regularly monitored and records maintained. In case contamination is observed, measures for control and action taken shall be reported to the government as well as the ministry	Complied
viii	Water bodies shall be developed and utilized to pisciculture by organizing fisherman 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	Complied

	that the member 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.	
ix	Action taken report on issues raised during public hearing shall be submitted to the ministry and the State., within six months	Complied
x	Occupation health 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 workers shall be maintained	Complied. We are providing regular training on malaria eradication, HIV, health effects on exposure to mineral dust etc... for the workers. The company has appointed a full time qualified doctor who is trained in occupational health surveillance. Periodical medical checkup of the all workers are carried out and health records are maintained.
xi	Top Soil / Solid waste (if any) Shall be stocked properly with proper slope with adequate safeguards and shall be back filled for reclamation and rehabilitation of mined out area	Complied There is no much of soil available in the mining area since limestone is outcropped and whatever little quantity of top soil removed, it was used for green belt development activities.
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 over slope of the dump shall not exceed 28°. The OB dump shall be back filled. The OB dump shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitation areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the ministry of Environment & Forests on six monthly basis.	There is no overburden in the mine since limestone is out cropped. Small pockets of soil are available which is removed and used for plantation purpose
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 are roads, green belt development etc.. The drains shall be regularly de-silted particularly after monsoon and maintained properly. Ground drain of appropriate size, gradient and length shall be constructed for both mine pit	There is no over burden in the mine since limestone is out cropped and because of this garland drain is not required. However around the mine pit they made protection bund.

	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 corner of the garland drains de-silted at regular intervals.	
xiv	Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of mines.	Agreed and complied. We are maintaining slope of the mining bench and ultimate pit limit as per the mining scheme approved by Indian Bureau of mines.
xv	Drilling and blasting (if any) shall be conducted by using dust extractors/Wet drilling.	Complied Wet drilling is being carried out and for blasting in hole delay intimation system (Excel/Nonel) is adopted
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 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	Agreed and complied. We have started green belt development works in consultation with the local DFO as informed. Also agreed to take up herbs and shrubs form as a part of afforestation programme besides tree plantation. So far about 21340 plants of different species including local species in an area of 8.536 ha has been planted in consultation with the forest department officials with watering facility they assured to take up plantation in an area of 27.32 Ha in a phased manner following the density. They have involved local people for plantation works also
xvii	The project authority shall implement suitable conservation measure to augment ground water resources in the area in consultation with the Regional Director, general Ground water board	Agreed to comply The mining activities are in the initial stages and not encountered the ground water. However rain water is collected in their mine pit 1 which is abandoned and the mine pit 2 are helping to recharge the ground water.
xviii	Regular monitoring of ground water level and quality shall be carried out by establishment a network of existing wells and construction new piezometers 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	Complied.

	Central Ground water board.	
xix	Prior permission from the competent authority shall be obtained for extraction of ground water, if any.	We will comply with this condition as and when ground water is encountered
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 ores. Transporting of ores shall be done covered with tarpaulin or other suitable enclosures so that no dust particles/fine matter escapes during the course of transportation. No overloading of ores for transportation shall be undertaken	Complied All vehicles deployed in mining operations have valid permits and are plying under proper supervision. Transporting of ore is done with covered tarpaulin. No overloading of ores for transportation is undertaken.
xxi	A final miner closure plan, along with details of corpus fund, shall be submitted to the ministry Environment & Forest, 5 years in advance of final mine closure for approval	Agreed and complied. We will submit a final mine closure plan duly approved with details of corpus found to MoEF five years before closure of mine for approval
B. General Conditions		
i	No change of mining technology and scope of working shall be made without prior approval of ministry of Environment & forests.	Agreed and complied There is no change in mining technology and scope of working and have agreed to approach the ministry if at all any changes in the mining technology and scope of working
ii	No exchange in calendar plan including excavation, quantum of mineral, limestone and waste shall be made	Agreed.
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.	Agreed and following the same.
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 should be under taken in consultation with the state Pollution control board.	Complied ambient air quality Monitoring stations were established in the core zone (four Numbers) as well as in the buffer Zone (four Numbers) of the mine as per the recommendation and prior approval of the PCB. locations of the monitoring stations had decided based on the meteorological data and topographical features. Frequency of monitoring is followed as per the direction of the SPCB. Monitoring is being carried out through an external agency and regularly submitting the data to RO.
v	Data on ambient air quality (RSPM, SPM,	Complied

	So ₂ , NO _x) should be regularly submitted to the ministry including its regional office located at Chennai and the SPCB /CPCB once in six months.	The monitoring data are being submitted to MoEF, RO, SPCB and CPCB.
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 approved and properly maintained.	COMPLIED Fugitive emissions are controlled by water spraying on haul roads, loading, unloading and at transfer points regularly. Dedicated water tankers are available for this purpose
vii	Measures shall be taken for control of noise levels below 85dBA in the working environment. Workers engaged in operations of HEMM , etc. shall be provided with ear plugs/muffs	Complied Workers engaged in operations of HEMM, etc. are provided with ear plugs/muffs. Noise levels are monitored at various locations and the levels are within the limits.
viii	Industrial waste water (work shop and waste water from the mine) should be properly collected, 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 effluent.	Agreed. There is no industrial wastewater from this mine. We have oil and grease trap in our existing workshop.
ix	Personnel working industry areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects	Complied We have provided personnel protective equipment for all workers & Employees. Training and information is imparted to all employees & workers on health and safety aspects under the mines vocational training rules, 1966 as informed.
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 organization	Complied A separate environment management Cell has formed to manage the environmental activities under the control of senior Executive, who reports directly to the head of the organization
xi	The project authorities shall inform to the regional of the ministry located at Chennai regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work	Complied Mine opening has already communicated to the Director of Mines Safety, MoEF and IBM (on entering into Mining Lease Agreement with the Mines dept.)
xii	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Years wise expenditure shall be reported to ministry and its regional office Bangalore	Complied We have allocated an adequate amount for environment management purpose and it is kept in separate head of the company account and utilized only for the said purpose. We are regularly submitting the year wise expenditure to RO.
xiii	The project authorities shall inform to the	Complied

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	regional office of the ministry located at Chennai regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work	
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	Complied We will extend our co operation to the officers of RO during their visit for monitoring of Compliance.
xv	A copy of clearance letter will be marked to concerned panchayat /local/ NGOs, if any, from whom suggestion /representation has been received while processing the proposal	Complied We have informed and a copy of the clearance letter was submitted to the Gram Panchayat
xvi	SPCB shall display copy of the Clearance letter at the Regional office. District industry center and collector's office / tehsildar's office for 30 days	Complied
xvii	The project authorities shall advertise in two local news papers 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 informed that the project has been accorded environmental clearance and copy of the clearance letter is available with the SPCB and also at web site of the ministry of environment and forest at http://envfor.nic.in and a copy of same shall be forwarded to the Regional office of the ministry located Bangalore	Complied We had given an advertisement in two local newspapers,which are widely circulated and submitted copies of the same to RO, Chennai.

Thanking you,

Your's faithfully
For M/s Deccan Cements Limited



Authorized Signatory
cc to : HO ,TSPCB, Hyderabad



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