

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

Deccan Cements Limited

ENVIRONMENT



Bhvanipuram, Palakeedu(Mandal), Suryapet(Dist)

Telangana-508218

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Deccan Cements Limited

QUALITY, ENVIRONMENT AND HEALTH & SAFETY (QEHS) POLICY

We are committed to adding value for our interested parties and achieve sustainable growth through:

- Manufacture and supply of consistent quality Cement to the satisfaction of customers,
- Establishing Objectives and Accountability measures for QEHS effectiveness / efficiency monitoring throughout the operations considering life cycle perspective
- Protection of the Environment to enhancing environment performance,
- Prevention of Incidents related to occupational Health and Safety
- Ensuring fulfillment of compliance obligations,
- Continual improvement of QEHS management systems to enhance QEHS performance,
- Ensuring proactive actions for associated organizational context-risks with our business operations
- Ensuring engagement, empowerment and management of employee competencies.

This Policy is communicated within DCL and is made available to the relevant interested parties, as appropriate.

Dated: 1st April 2017

Managing Director

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

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

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi - 110003
E-mail: sharath.kr@gov.in
Tel: 011- 24695319

Dated: 11th 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,

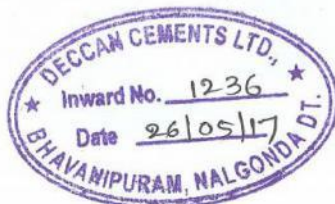
This has reference to your online application No. IA/TG/IND/50564/2016 dated 26th February 2016 seeking environmental clearance under clause 7(ii) of the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at S.No. 3(b), under category 'A' of the Schedule of 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 27th 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 25th May, 2016. The PP has complied will all the conditions stipulated in the EC letter No. J-11011/572/2007-IA.II(I) dated 27th 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

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Environmental Clearance for 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, District Nalgonda, Telangana (under Clause 7 (ii) of EIA Notification, 2006)



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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 ISI meeting of Expert Appraisal Committee (EAC) (Industry-I) held on 18th to 20th November, 2015; 5th meeting held on 30th - 31st March, 2016; and again in the 1st meeting on 26th to 27th 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 ErA Notification dated 14th September, 2006, as amended, subject to strict compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS~:

- i. All the conditions stipulated *vide* environmental clearance letter No. J-11011/57212007-IA.II(I) dated 27th 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 O.S.R. No. 612 (E) dated 25th August 2014 and subsequent amendment dated 9th May 2016 and 10th May 2016 regarding cement plants with respect to particulate matter, SO₂ and NO_x 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.

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Environmental Clearance/or 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, District Nalgonda, Telangana (under Clause 7 (ii) of EIA Notification, 2006)

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- 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.

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- 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, creche 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 PM10, PM2.5, SO2 and NOx 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 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 EWEMP 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.

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- 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; 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.
- 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 bye-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.
- 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 MOEF&CC at Chennai bye-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.

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Environmental Clearance/or increase of Cement Production (1.0 AftPA to 1.10AftPA) by modification of Cement Plant and increase in power generation (15 MW to 18 MW) by A-U Deccan Cements Ltd located at Vii/age Mahankalgudem, District Nalgonda, Telangana (under Clause 7 (ii) of EIA Notification, 2006)

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), Ist and IInd 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



REGD.POST WITH ACK.DUE

CONSENT ORDER FOR ESTABLISHMENT – RED CATEGORY

Lr. No. 11/TSPCB/CFE/RO-NLG/HO/2017

Dt. 28.08.2017

Sub: PCB – CFE - M/s. Deccan Cements Ltd., Bhavanipuram, Mahankaligudem, Ravipahad (V), Palakeedu (M), Suryapet District – Consent for Establishment of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - **Issued - Reg.**

Ref: 1) EC order from MoEF&CC, GoI, dt. 11.05.2017.
2) Industry's CFE application applied through TS-iPASS on 02.08.2017
3) R.O's inspection report dt. 11.08.2017.
4) CFE Committee meeting held on 23.08.2017.

1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) of the Board for expansion to produce following products with a project cost of Rs. 10.02 Crores, within the existing premises:

Sl. No.	Name of the Products and By-Products	Existing capacity	Proposed capacity	Total after expansion
1.	Cement (Unit-I)	0.3 MTPA	---	0.3 MTPA
2.	Clinker (Unit-I)	0.5 MTPA	---	0.5 MTPA
3.	Cement (Unit-II)	1.5 MTPA	---	1.5 MTPA
4.	Clinker (Unit-II)	1.0 MTPA	0.2 MTPA	1.2 MTPA
5.	Captive power	15 MW	3 MW	18 MW
The cement production is inclusive of Clinker production.				

2. The above site was inspected by the Environmental Engineer and Asst. Environmental Engineer Regional Office, Nalgonda, T.S. Pollution Control Board on 08.08.2017 and observed that the site is surrounded by
- North : Reserve forest (RF)
South : Colony followed by RF
East : Ravipahad RF
West : Captive Mine.
3. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues **CONSENT FOR ESTABLISHMENT FOR EXPANSION** to your unit to carry out modification in cement plant and increase in power generation Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**
4. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.

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5. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To,
M/s. Deccan Cements Ltd.,
Bhavanipuram, Mahankaligudem,
Ravipahad (V), Palakeedu (M),
Suryapet District.

Copy to: 1. The JCEE, Z.O., RC Puram for information and necessary action.
2. The E.E., R.O, Nalgonda for information and necessary action.

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


JOINT CHIEF ENVIRONMENTAL ENGINEER
(Unit-II)

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
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SCHEDULE - A

1. Progress on implementation of the project shall be reported to the concerned Regional Office, T.S. Pollution Control Board once in six months.
2. Separate energy meters shall be provided for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for Operation (CFO) from TSPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
5. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
7. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The industry shall maintain a good housekeeping. All pipe valves, sewers, drains shall be leak proof. Dyke walls shall be constructed around storage of chemicals.
8. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site. The proponent shall ensure that effluent shall not enter the Rain Water harvesting structure.
9. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public Liability Insurance Act, 1991 shall be followed.
10. This order is valid for period of 5 years from the date of issue.

SCHEDULE - B

Water:

1. The source of water is from River Krishna. The maximum permitted water consumption after expansion is 2420 KLD.

S.No	Purpose	Quantity
A	Cement Plant	
1	Cooling water	345
B	Power plant	
1	Filter back wash	7
2	OM Plant regeneration	7
3	Cooling water makeup	1652
4	Boiler feed	40
5	Service water wash	30
6	Clarifier blow down	12
7	Domestic	287
8	Gardening	40
	Total:	2420 KLD

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The maximum Waste Water shall not exceed the following:

S. No	Purpose	Quantity
A	Cement Plant	
1	Cooling water	---
B	Captive Power plant	
1	Filter back wash	7 KLD
2	DM Plant regeneration	7 KLD
3	Cooling water makeup	342 KLD
4	Boiler feed	20 KLD
5	Service water wash	12 KLD
6	Clarifier blow down	10 KLD
7	Domestic	193.6 KLD
Total:		591.6 KLD

Treatment & Disposal:

Sl.No.	Source of Effluent	Treatment	Mode of Final disposal
1	Filter back wash, DM Plant regeneration, Cooling water makeup, Boiler feed, Service water wash & Clarifier blow down	Neutralization tank and settling cum collection tank.	Treated waste water used for dust suppression & onland for plantation
2	Domestic	STP	After treatment used for onland for plantation.

3. The proponent shall collect effluents from all the streams and adopt treatment as mentioned above.
4. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - A) Domestic purposes.
 - c) Processing, whereby water gets polluted and pollutants are easily bio-degradable.
 - d) Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.

Air Pollution :

5. The industry shall comply with the following for the expansion :

A) Line – I:

Sl. No	Details of Stack	Stack 1	Stack 2	Stack 3	Stack 4
a)	Attached to:	Rotary Kiln & Raw Mill-1&2	Cooler-1	Coal mill-1	Cement mill-1&2
b)	Capacity of Boiler/ Furnace / Kiln/ Incinerator / D.G.Set/	1450 TPD	---	---	---
e)	Stack height:	50 mtrs	31 mtrs.	31 mtrs.	30 mtrs.
f)	Details of Air Pollution Control Equipment:	ESP (Existing) Pulse Jet Bag Filter (Proposed in place of ESP)	ESP	Bag filter	Bag filter

B) Line – II :

Sl. No	Details of Stack	Stack 5	Stack 6	Stack 7	Stack 8	Stack 9	Stack 10
a)	Attached to:	VRM Raw Mill / Kiln	Cooler-2	Coal mill-2	Cement mill -3	Slag Cement Mill	Lime Stone Crusher
b)	Capacity of Boiler/ Furnace / Kiln/ Incinerator / D.G.Set/ Others	3030 TPD (Existing) 3650 TPD (Proposed)	--	--	--	--	1000 TPH
e)	Stack height:	128 mtrs	50 mtrs	58 mtrs	41 mtrs.	35 mtrs	22 mtrs
f)	Details of Air Pollution Control Equipment:	RABH	ESP	Bag filter	Bag filter	Bag filter	Bag filter

C) Captive Power Plant

Sl. No	Details of Stack	Stack 11
a)	Attached to:	Boiler
b)	Capacity of Boiler/ Furnace / Kiln/ Incinerator / D.G.Set/ Others	70 TPH
c)	Fuel form: Solid / Liquid/ gaseous	Coal
e)	Stack height:	75 mtrs.
f)	Diameter / size, in m.	3.5 m
g)	Details of Air Pollution Control Equipment:	ESP

6. **The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, Gol vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.**

Solid Waste:

7. The proponent shall comply with the following :

S. No.	Type of Solid Waste	Quantity	Method of Disposal
1	a) Power plant – Fly ash b) Power plant – Bottom ash	280 MTPD	Used for PPC production
2	Waste lubricating oil	22.5426 KL/Year	Used for lubrication of drag chains & elevators (or) Authorized Reprocessors / Recyclers
3	Waste grease	3750 kg/year	
4	HFO sludge	Nil	

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8. The following rules and regulations notified by the MOE&F, GOI shall be implemented.
- Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 - Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
 - Fly ash notification S.O.2804 (E), dt. 3.11.2009.
 - Batteries (Management & Handling) Rules, 2010.

Other Conditions:

- The standards issued by the Ministry vide G.S.R.No. 612 (E) dt. 25th August, 2014 and subsequent amendment dt. 9th May 2016 and 10th May 2016 regarding cement plants with respect to particulate matter, SO₂ and NO_x shall be followed.
- Efforts shall be made to achieve power consumption of 70 units / tone for Portland Pozzolona Cement (PPC) and 95 units / tone for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
- 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.
- The existing green belt shall not be disturbed with proposed expansion activity.
- The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
- The industry shall comply with all the directions issued by the Board from time to time.
- Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
- The Board reserves its right to modify above conditions or stipulate new / additional conditions and to take action including revoke of this order in the interest of environment protection.
- Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of Air (Prevention and Control of Pollution) Act, 1981.

Sd/-
MEMBER SECRETARY

To
Mis. Deccan Cements Ltd.,
Bhavanipuram, Mahankaligudem,
Ravipahad (V), Palakeedu (M),
Suryapet District.

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

Po- L,L-A"
~
JOINT CHIEF~~AL
~
(Unit-II)

ENGINEER

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavarana Bhavan, A-3, Industrial Estate,
Sanathnagar, Hyderabad - 500018

Ph: 040-23887500
Fax: 040- 23815631
Website: tscpb.cgg.gov.in

CONSENT & AUTHORISATION ORDER (EXPANSION) *Sc vpl(w)*

//BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE//

Consent Order No : TSPCB/RCP/NLG/CF&HWA/HD/2017- 2916 Date: 07.12.2017

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 and Authorization / Renewal of Authorization under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & Amendments thereof.

CONSENT is hereby granted 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 Authorization under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (hereinafter referred to as 'the Acts', 'the Rules') and the rules and orders made there under to:

**M/s. Deccan Cements Ltd.,
Bhavanipuram,
Mahankaligudem,
Ravipahad (V), Palakeedu (M),
Suryapet District.
E Mail: venkats@deccancements.com**

(hereinafter referred to as 'the Applicant') authorized 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.	Description of Outlet	Max Daily Discharge in KLD	Method of Treatment and Disposal
1.	Power Plant		Into ETP and the treated water to be used for dust suppression or reuse in cement plant / gardening.
	Filter back wash	7	
	DM Plant regeneration	7	
	Cooling water system makeup	342	
	Boiler feed	20	
2.	Service water wash	12	Treatment in the Sewage Treatment Plant (STP) followed by onland for gardening /plantation within the plant premises.
	Clarifier blow down	10	
	Domestic effluents after treatment in the STP (Plant) - 164 KLD + Domestic (Slag Cement Division) - 29.6 KLD	193.6	
TOTAL		591.6 KLD	

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

ii) Emissions from Chimneys:

Chimney No.	Description of chimney	Quantity of emissions at peak flow
1	Stack attached to Rotary Kiln & Raw Mill -1 & 2	--
2	Stack attached to Cooler - 1	--
3	Stack attached to Coal Mill - 1	--
4	Stack attached to Cement Mill-1 & 2	--
5	Stack attached to VRM Raw Mill / Kiln - 2	--
6	Stack attached to Cooler - 2	--
7	Stack attached to Coal Mill - 2	--
8	Stack attached to Cement Mill-3	--
9	Stack attached to slag Cement Mill	--
10	Stack attached to Lime Stone Crusher	--
11	Stack attached to Boiler of capacity 70 TPH	--
12	Attached to 1000 KVA DG set	--

iii) HAZARDOUS WASTE AUTHORISATION (FORM - II) [See Rule 6 (2)] of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & Amendments thereof:

1. Number of Authorization and date of issue - TSPCB/RCP/CFO&HWA/HO/2017
Date: 25.11.2017.

2. Reference of Application: Reference No 1030069 dt.08.11.2017.

3. M/s. Deccan Cements Ltd., Bhavanipuram, Mahankaligudem, Ravipahad (V), Palakeedu (M), Suryapet District is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

➤ HAZARDOUS WASTES WITH RECYCLING OPTION:

S. No	Name of the Hazardous waste	Stream	Quantity of Hazardous waste	Disposal Option.
1.	Waste Lubricating Oil	5.1 of Schedule - I	22.5426 KL/Year	Used for lubrication of drag chains & elevators (or) Authorized Reprocessors / Recyclers
2.	Waste Grease	5.1 of Schedule - I	37.50 kg/year	

➤ NON-HAZARDOUS WASTES WITH RECYCLING OPTION:

S. No	Name of the Non-Hazardous waste	Quantity	Disposal Option.
1.	a. Power Plant - Fly ash b. Power Plant - Bottom Ash	280 TPD	Used for PPC production

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DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

This consent order is valid for manufacture of the following products along with capacities only.

Unit-1

Cement Division

S.No.	Products	Capacity / Quantity	
1.	Cement*	900 TPD	0.30 MTPA
2.	Clinker	1450 TPD	0.50 MTPA

*-The Cement production of 0.3 MTPA is produced from permitted Clinker production of 0.50 MTPA.

Unit-2

Slag Cement Division

S. No.	Products	Capacity / Quantity	
1.	Cement**	5450 TPD	1.50 MTPA
2.	Clinker	3650 TPD	1.2 MTPA
3.	Power generation	18MW	18 MW

** - The Cement production of 1.5 MTPA is inclusive of 1.20 MTPA of Clinker production.


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

This combined order of Consents and Authorization is valid for a period ending with the 31st day of December, 2022.

Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Ltd.,
Bhavanipuram, Mahankaligudem,
Ravipahad (V), Palakeedu (M),
Suryapet District.

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


R. CHIEFF ENVIRONMENTAL ENGINEER
UNIT - II, TSPCB, HO, HYD.

SCHEDULE - A

1. The applicant shall make applications through online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of the Order as per the procedure and eligibility stipulated in the Board Circulars dt:19.11.2015, 08.12.2015 and Amendment to the guidelines of Auto Renewal vide Circular Memo dt: 11.09.2017 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/circulars.aspx>).
2. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
4. The industry may explore the possibility of tapping the solar energy for their energy requirements.
5. All the conditions stipulated in the Schedule - A of the earlier combined CFO & HWA Order TSPCB/RCP/NLG/CFO&HWA/HO/2016-2768 Date:29.02.2016 remains same. The industry should ensure consistence compliance of each condition of Schedule-A.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

SCHEDULE - B

Special Conditions:

1. The effluent discharged shall comply with the tolerance limits mentioned below:

**(i) Cement Plant:
(a)**

Outlet	Parameter	Limiting Standards
1 & 2	pH	6.5 - 8.5
	Total Suspended Solids	100 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (3 days at 27° C)	100 mg/l
	Chemical Oxygen Demand	250 mg/l
	Total Dissolved Solids (TDS)	2100 mg/l
	Temperature	Not more than 5°C higher than the intake water temperature

b. Service waste water (without co-processing)

All efforts shall be made by the industry for 'Zero discharge' of service wastewater. In case, the industry prefers to discharge service wastewater, the following norms shall be complied with:

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

Parameter	Concentration not to exceed, milligram per litre (except pH and temperature)
pH	5.5 to 9.0
Suspended Solids	100
Oil & Grease	10
Temperature	Not more than 5°C higher than the intake water temperature

c- Storm Water

- (I) Storm-water shall not be allowed to mix with effluent, treated sewage, scrubber water and/ or floor washings.
- (II) Storm water within battery limits of industry shall be channelized through separate drain(s) as per natural gradient passing through high density polyethylene lined pit(s) each having holding capacity of 10 minutes (hourly average) or rainfall for its catchment area."

2. The source of water is from River Krishna. The maximum permitted water consumption after expansion is 2420 KLD.

S. No	Purpose	Quantity
A	Cement Plant	
1	Cooling water	345
B	Power plant	
1	Filter back wash	7
2	DM Plant regeneration	7
3	Cooling water makeup	1652
4	Boiler feed	40
5	Service water wash	30
6	Clarifier blow down	12
7	Domestic	287
8	Gardening	40
	Total:	2420 KLD

3. The industry shall comply with emission limits for DG sets of capacity upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004. In case of DG sets of capacity more than 800 KW shall comply with emission limits as per the Notification G.S.R.489 (E), dated 09.07.2002 at serial no.96, under the Environment: (Protection) Act, 1986.

4. The emissions shall not contain constituents in excess of the prescribed limits mentioned below.

(i) **Cement Plant:**

Chimney Nos.	Parameter	Emission Standards (mg/Nm ³)
1 to 10	Particulate Matter	30 mg/Nm ³
1 & 5	Sulphur Dioxide (SO ₂)	100 mg/Nm ³ .
	Oxides of Nitrogen (NO _x)	800 mg/Nm ³ for Rotary Kiln with in Line Calciner (I.C) Technology.

**DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD**

- (a) The height of each stack including Clinker Grinding Plant, Coal Mill, Raw Mill, Grinding, Packaging Section, etc, shall be of a minimum of 30 meters or, as per formula $H=14 (Q)^{0.3}$, whichever is more, where "H" is the height of stack in meters and "Q" is the maximum quantity of SO₂ expected to be emitted in Kg/hr through the stack at 100 per cent rated capacity of the plant and calculated as per the norms of gaseous emission.
- (b) Above norms shall be applicable even if pet-coke is mixed with Coal or, used alone for Clinker making in Kiln provided, Pet-coke has been notified as 'approved fuel' by the concerned State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981.
- (c) All monitored values for SO₂ and NO_x shall be corrected to 10% Oxygen, on dry basis. The norms for SO₂ and NO_x shall be applicable to stacks attached to Kiln.
- (d) Scrubber meant for scrubbing emission shall not be used as quencher. Plants having separate stack for gaseous emission for the scrubbing unit, the height of this stack shall be atleast equal to the main stack.

Load / Mass based Standard: Particulate matter from Raw Mill, Kiln and Pre-Calciner system put together - 0.125 Kg / tonne of Clinker.

(ii) Power Plant:

Chimney No.	Parameter	Emission Standards
11	Particulate Matter	50 mg/Nm ³ *
	Sulphur Dioxide (SO ₂)	600 mg/Nm ³
	Oxides of Nitrogen (NO _x)	300 mg/Nm ³
	Mercury (Hg)	0.03 mg/Nm ³

5. The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10µm) - 100 µg/ m³; PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/ m³; SO₂ - 80 µg/ m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry.
Standards for other parameters as mentioned in the National Ambient Air Quality Standards CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009
Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A).
6. **The industry shall manufacture only the consented products.**
7. **The industry shall not increase the capacity beyond the permitted capacity, without obtaining CFE & CFO of the Board.**
8. **The industry shall comply with the standards stipulated by the Govt. of India under Environment (Protection) Rules, framed under the E(P) Act, 1986.**
9. **The industry shall operate the Air Pollution Control Equipment i.e., Pulse Jet Bag House, RABH, Bag filters, ESPs, Dust Collectors etc., continuously, so as to meet the new emission Standards for all the stacks.**
10. **The industry shall install & maintain the Online Continuous Stack Emission Monitoring system (OCSEMS) with data recorder facility for the stacks of Kiln, Cooler and other major stacks of Unit-I & II, with connection of the same to the website of CPCB & TSPCB.**

11. The industry shall maintain Bag filters at all Silo tops, material transfer points and at various other sources of fugitive emissions.
12. The industry shall maintain the records on captive consumption of Clinker produced, Fly Ash utilization, cement production etc. and the consolidated records shall be furnished to the EE, TSPCB, R.O, Nalgonda for every three months.
13. The industry shall submit details of ESP trippings to the Regional Office of the Board for every three months.
14. The industry shall provide adequate dust collection and extraction system to control fugitive emissions at various transfer points and the dust collected from pollution control equipments shall be recycled back into the process.
15. The industry shall install & maintain interlocking facility between APC equipment and raw material feeding system to regulate the feeding of raw material into the Kiln, so that the feeding of raw materials would stop automatically in case the air pollution control equipment fails.
16. The industry shall store the Coal & other raw materials in the closed storage sheds so as to avoid fugitive dust emissions.
17. All the roads in the plant area shall be asphalted / concreted and water shall be sprayed to reduce fugitive dust emissions.
18. The industry shall maintain water meters for recording the water consumption for recording category-wise water consumption.
19. The industry shall comply with the Task Force directions issued from time to time.
20. The industry shall comply with the stipulations and conditions prescribed in the earlier CFE Order.
21. As per the Directions issued by the Hon'ble National Green Tribunal (NGT), Principal Bench, New Delhi in Original Application (OA) No. 199 of 2014 vide Judgement dt. 22.12.2016, in the matter of Management of Municipal Solid Waste in Local Bodies, the industry shall buy and use Refused Derived Fuel (RDF) as fuel in the Cement Plant, generated from the RDF Plants located within a 100 Km radius of the Cement Plant.
22. The industry shall develop and maintain green belt all along the boundary of the industry and other vacant places. The industry shall take up extensive plantation under the Haritha Haram program of the State Government.
23. The industry should regularly conduct AAQ and stack monitoring and submit the reports to RO, Nalgonda every 3 months.
24. The applicant should submit Environment Statement in Form V before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments thereof.
25. The conditions are without prejudice to the rights and contentions of this Board in any Hon'ble court of law.
26. As per the Directions issued by the Hon'ble National Green Tribunal (NGT), Principal Bench, New Delhi in Original Application (OA) No. 199 of 2014 vide judgement dt. 22.12.2016, in the matter of Management of Municipal Solid Waste in Local Bodies, the industry shall buy and use Refused

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

Derived Fuel (RDF) as fuel in the Cement Plant, generated from the RDF Plants located within a 100 Km radius of the Cement Plant.

SCHEDULE - C

[see rule 6(2)]

[CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR HANDLING HAZARDOUS WASTES]

i. General conditions of Authorization:

1. The authorized person shall comply with the provisions of the Environment (Protection) Act 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the Hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carryout mock drill in this regard at regular interval of time.
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. The Hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported Hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
9. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
10. An application for the renewal of an authorization shall be made as laid down under the Rules.
11. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate change or Central Pollution Control Board from time to time.
12. Annual return shall be filed by June 30th for the period ensuing 31st March of the year.

ii. Specific Conditions:

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store Hazardous Waste for more than 90 days as per the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry shall not dispose Waste oils to the traders and the same shall be disposed to the authorized Reprocessors/ Recyclers.

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DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

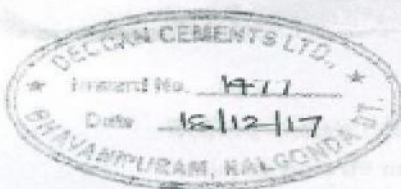
5. The industry shall dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry shall not dispose spent solvents / mixed spent solvents to the traders.
7. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
8. The industry shall maintain 7 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office.
9. The industry shall maintain good house keeping & maintain proper records for Hazardous Wastes stated in Authorization.
10. The industry shall maintain proper Records for Hazardous Wastes stated in Authorization in FORM-3 I.e., quantity of incinerable waste, land disposal waste, recyclable waste etc. as per Rule 20(1) and file Annual Returns in Form- 4 as per Rule 20(2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.
11. The industry shall dispose of e-waste to the authorized recyclers only.
12. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Ltd.,
Bhavanipuram,
Mahankaligudem,
Ravipahad (V), Palakeedu (M),
Suryapet District.

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

B. H. S.
Jt. CHIEF ENVIRONMENTAL ENGINEER
UNIT - II, TSPCB, HO, HYD.



DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

J-11015/497'2007- IA. II (M)
Government of India
Ministry of Environment & Forests

Telefax: 011-24367257
Paryavaran Btreven, C. G. O. Complex,
Lod! Road, New Delhi-110G03.
Dated: October 18, 2007

To ✓
Mls Deccan Cements Ltd.
6-3-666/8 'Deccan Chambers'
Somajiguda,
Hyderabad-500082

Sub: Expansion of Bhavanipuram Limestone Mine-2 (ML area 73.93 hal at village MahankaJigudem, Neredcherla Manda', Huzur Nagar Ta/uk, Nalgonda Distt, in Andhra Pradesh - reg. Environmental Clearance.

Sir,

The undersigned is directed to refer to your letter dated 22.052007, on the above mrenuonedsubject. The Ministry of Envunoment and Forests has examined the application.

2. It has been noted that the proposal is for increase in production from 0.80 MTPA to 2.0 MTPA of your Bhavanipuram Limestone Mine-2 located at village Mahankaligudem, Neredcherla Mandal, Huzur Nagar Taluk, Nalgonda Distt., in Andhra Pradesh. The method of mining will be mechanised open cast. The mining lease area is 73.93 ha, which lies in the Saidulnama Reserved Forest. The mineable reserve is 13.88 MT. life of the mine at proposed production will be 7 years. The ore is outcropped. Ultimate depth of mining will be about 29 m below ground rever, Water table depth is 60 m below ground level. Hence no interference of ground water due to mining activity. The limestone are will be transported to the crusher plant located at its cement plant 0.5 -1.0 km away from the working pits. LOIN grade limestone generated from the mine will be blended with oement grade limestone. At the end of mine life, the mined out area will be converted into water reservoir where pisciculture will be taken up. Krishna River flows at a distance of about 0.9 in the south and Musi river at 3.2km in the West. No Wildlife sanctuary/National park and herita~e sites are located within 10 km of mine lease area. Water requirement will be about 110m /day, which will be met from the river Krishna. Domestic wastewater generated will be about 2.4 m³/day, which will be treated in septic tank followed by Soak pit. No solid waste which need disposal will be generated Public hearing of the project was held on 28.04.2006. Approval for Mining scheme including progressive mine closure plan from IBM was obtained on 25.04.2007. Cost of the project is Rs. 23.0 crores.

3. The project has been considered in accordance with the provrsrona of the EIA notifiatlon issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14,2006 and its interim operational guidelines issued on October 13,2006.

4. Based on the information suomitted by you, the- Ministry of Environment and Forests hereby accords environmental clearance to the above project under the proviSions of EIA Notification dated September 14, 2006, subject to the compliance of the following Specific and General conditions:

A. SpeCific conditions

- (i) Forestry clearance for diversion of forest land under the Forests (Conservation) Act, 1980, shall be obtained.

Cont'd

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

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- (ii) 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.
- (iii) Water quality both for surface as well as ground water in the core zone shall be regularly 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.
- (iv) Water courses 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.
- (v) Action taken report on issues raised during public hearing shall be submitted to the Ministry and the State Govt. within six months.
- (vi) 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.
- (vii) 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.
- (viii) 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 preferably be of 10m and overall slope of the dump shall not exceed 28°. The O&S dump shall be backfilled. The O&S dumps shall be scientifically vegetated with suitable native species to prevent erosion and 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.
- (ix) Garland drains shall be constructed to arrest silt and sediment flows from open 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 desilted 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 rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.

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- (x) Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
- (xi) Drilling and blasting (if any) shall be conducted by using dust extractors/wet drilling.
- (xii) 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 23.0 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.
- (xiii) The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- (xiv) Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing 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.
- (xv) Prior permission from the competent authority shall be obtained for extraction of ground water, if any.
- (xvi) 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 a 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.
- (xvii) A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Ministry of Environment & Forests, 5 years in advance of final mine closure for approval.

B. General conditions

- (i) No change in mining technology and scope of working shall be made without prior

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- (iv) Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO₂, 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 undertaken in consultation with the State Pollution Control Board.
- (v) Data on ambient air quality (RSPM, SPM, SO₂, NO_x) should be regularly submitted to the Ministry including its Regional office located at Bangalore and the State Pollution Control Board / Central Pollution Control Board once in six months.
- (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.
- (vii) Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be 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 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
- (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.
- (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.
- (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.
- (xii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bangalore.
- (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.
- (xiv) The Regional Office of the Ministry, Bangalore shall monitor compliance 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.
- (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.

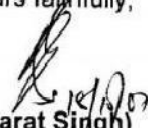
Cont'd....

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

-5-

- (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.
- (xvii) The project authorities shall advertise at least 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 a 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 the same shall be forwarded to the Regional Office of the Ministry located Bangalore.
5. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
7. The above conditions will 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Yours faithfully,


(W. Bharat Singh)
Deputy Director

Copy to:

1. Secretary, Ministry of Mines, Government of India, Shastri Bhawan, New Delhi.
2. Secretary, Department of Environment, Government of Andhra Pradesh, Hyderabad.
3. Secretary, Department of Mines and Geology, Government of Andhra Pradesh, Hyderabad.
4. Secretary, Department of Forests, Government of Andhra Pradesh, Hyderabad.
5. Chief Wildlife Warden, Government of Andhra Pradesh, Hyderabad.
6. Chief Conservator of Forests, Regional Office (SZ), Kendriya Sadan, 4th Floor E&F, Wings 17th Main Road, 1 Block, Koranmangala, Bangalore-560 034.
7. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
8. Chairman, Andhra Pradesh State Pollution Control Board, Paryavaran Bhawan, A-3 Industrial Estate, Sanath Nagar, Hyderabad – 500 018
9. Member Secretary, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
10. Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur- 440 001.
11. District Collector, Nalgonda, Government of Andhra Pradesh.
12. EI Division, Ministry of Environment & Forests, Paryavaran Bhawan, New Delhi.
13. Monitoring File.
14. Guard File.
15. Record File.


(W. Bharat Singh)
Deputy Director



ANDHRA PRADESH POLLUTION CONTROL BOARD
PARYAVARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887500
Fax: 040 - 23815631
Grams : Kalushya Nivarana
Website :www.appcb.org

REGD.POST WITH ACK.DUE

CONSENT ORDER FOR ESTABLISHMENT

Order No.204/PCB/CFE/RO-NLG/HO/2007-2446

Dt.07.02.2008

Sub: PCB – CFE - **M/s. Deccan Cements Ltd., (Mines) Bhavanipuram, Janpahad (V), Nereducherla (M), Nalgonda district** - Consent for Establishment (Expansion) of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

Ref: 1) Public hearing conducted on 28.4.2007 at Gram Panchayat Office, Ravipahad, Nereducherla (M), Nalgonda district.
2) Environmental Clearance issued by MOE&F, GOI on 6.9.2007
3) Industry's application received on 20.11.2007
4) R.O's inspection report dt. 18.12.2007
5) CFE Clearance Committee meeting held on 25.01.2008

1. In the reference 3rd cited, an application was submitted to the Board seeking Consent for Establishment (CFE) for expansion of limestone mining in ML-2 of 73.93 Ha with installed capacities as mentioned below, with an additional investment of Rs.23 crores.

Sl. No.	Products	Consented capacity as per CFO dt. 01.07.2007	Proposed capacity	Total capacity
1	Limestone	2700 TPD (or) 800000 TPA	4000 TPD (or) 1200000 TPA	6700 TPD (or) 2000000 TPA

2. As per the application, the above activity is located at Bhavanipuram, Janpahad (V), Nereducherla (M), Nalgonda district
3. The above site was inspected by the Environmental Engineer, Regional office, Nalgonda, A.P Pollution Control Board on 29.11.2007 and found that the site is surrounded by
- North** : RF, Ravi Pahad followed by RF.
- South** : Approach road to factory followed by old ML, RF, Mahankaligudem (V).
- East** : M/s. Deccan Cements Ltd., Factory, Colony, followed by agricultural lands
- West** : Mahankaligudem – Nereducherla Road, RF, Chaanakya Cements Ltd.
4. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues CONSENT FOR ESTABLISHMENT (Expansion) to your activity Under Section 25 of Water (Prevention & Control of Pollution) Act

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Ltd.,(Mines)
6-3-666/B, Deccan Chambers,
Somajiguda, Hyderabad – 500 082.

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


JOINT CHIEF ENVIRONMENTAL ENGINEER(CFE)

SCHEDULE - A

1. Progress on implementation of the project shall be reported to the Regional Office, Nalanga, A.P. Pollution Control Board once in six months.
2. The proponent shall obtain Consents for operation from APPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
3. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
4. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
5. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
6. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site. The proponent shall ensure that effluent shall not enter the Rain Water harvesting structure.
7. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public liability insurance Act, 1991 shall be followed.
8. This order is valid for period of 5 years from the date of issue.

SCHEDULE - B

Water:

1. The source of water is Ground / River and the maximum permitted water consumption after expansion is 11.5 KLD.
2. The maximum Waste Water Generation (KLD) shall not exceed the following:

Sl. No.	Purpose	After Expansion (KLD)	Disposal
1	Domestic	0.5	Septic tank followed by soak pit

3. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a) Spraying in mine pits.
 - b) Domestic purposes.
 - c) Processing, whereby water gets polluted and pollutants are easily bio-degradable.

AIR:

4. The proponent shall comply with the following for controlling air pollution.
 - i. Wet drilling to suppress the dust emission from the drill machines at its source by inbuilt water injection system.
 - ii. Fixed continuous water spraying system on the haul road.
 - iii. Regular water sprinkling on blasted heaps and haul roads with water tankers.
 - iv. Use of sharp drill bits for drilling holes and arrangements for bit regrinding. Charging the holes by using optimum charge and using time delay detonator.
 - v. Avoiding blasting during high windy periods, night times and temperature inversion periods.
 - vi. Regular grading of haul roads and service roads to clear accumulation of loose material.
 - vii. Excavation operations shall be suspended during periods of very strong winds.
 - viii. Avoiding over filling of dumpers and consequent spillage on the roads.
 - ix. The vehicles and machinery shall be kept in well –maintained condition so that emissions are minimized.
 - x. Afforestation for control of dust. To arrest the amount of airborne dust extensive plantation shall be carried out within the mines and outside the mining lease area.
 - xi. Plantation of wide leaf trees, creepers, tall grass along approach roads, and on barrier zones to help in suppressing the dust.

5. The proponent shall comply with the following for controlling noise pollution.
 - i. Proper and regular maintenance of vehicles, machinery and other equipment.
 - ii. Limiting time exposure of workers to excessive noise.
 - iii. The noise generated by the machinery shall be reduced by proper lubrication of the machinery and equipment.
 - iv. The workers employed shall be provided with protection equipment, earmuffs and ear-plugs, as a protection from the high noise level generated at the plant site wherever required.
 - v. Noise levels shall be controlled by using optimum explosive charge, proper delay detonators and proper stemming to prevent blow out of holes.
 - vi. Speed of trucks entering or leaving the mine shall be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.

6. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time.

Solid Waste:

7. The Hazardous waste (Management and Handling), Rules,1989 and regulations notified by the MOE&F, GOI shall be implemented.

Other Conditions:

8. Green belt of width 10 m shall be developed along the boundary of the mine lease area. Green belt development shall be started along with the mining activity.
9. Top soil shall be utilized for development of greenbelt.
10. The recommendations / commitments made during the Public Hearing held on 28.4.2007 at Gram Panchayat Office, Ravipahad, Nereducherla (M), Nalgonda district shall explicitly be followed from pollution control point of view.
11. The proponent shall construct check dams with intermediate sedimentation traps in the flow path to arrest silt.
12. The proponent shall explore the possibility to convert mined area into a reservoir by plugging the leakages.
13. Fencing shall be provided around mining area to avoid accidents.
14. The proponent shall obtain license from Chief Controller of Explosives for magazine building at mine.
15. The proponent shall obtain clearance from Central Ground Water Authority to draw ground water.

Sd/-
MEMBER SECRETARY

To ✓
M/s. Deccan Cements Ltd.,(Mines)
6-3-666/B, Deccan Chambers,
Somajiguda, Hyderabad – 500 082.

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

For 3
JOINT CHIEF ENVIRONMENTAL ENGINEER(CFE)
EE



TELANGANA STATE POLLUTION CONTROL BOARD

**Paryavarana Bhavan, A-3, Industrial Estate,
Sanathnagar, Hyderabad - 500018**

Ph: 040-23887500

Fax: 040- 23815631

Website: tspcb.cgg.gov.in

CONSENT & HWA ORDER (AUTO RENEWAL)

//BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE//

Consent Order No : TSPCB/CFO/NLG/HO/2016 -2370

Date :05.12.2016

Sub: TSPCB – M/s. Deccan Cements Limited (Bhavanipuram Lime Stone Mine-II), Mahankaligudem (V), Palakeedu (M), Suryapet District – Auto Renewal of Consent for Operation & HWA – Order issued – Reg.

- Ref:**
- 1) CFO & HWA Order No. TSPCB/RCP/NLG/11288/HO/CFO/2014-403 dt.15.12.2014.
 - 2) Board Resolution No. 26 and Circulars dt: 19.11.2015 & 08.12.2015.
 - 3) Industry's Online application No. 211 dt.29.11.2016 for Auto Renewal of CFO & HWA along with self certification & Bank Guarantee.
 - 4) TSPCB, RO, Nalgonda report dt. 30.11.2016.

- I) The Board hereby renews the Consent for Operation (CFO) of the industry, issued earlier vide reference 1st cited for a period upto 31.12.2016, under 25/26 of the Water (Prevention and Control of Pollution) Act, 1974; under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 & Rules made there under.
- II) This Combined Consent Order is issued under the **Auto Renewal System** of the Board as per the Board's Resolution and Circulars of the Board vide reference 2nd cited and as per the Self -Certificate submitted by **M/s. Deccan Cements Limited (Bhavanipuram Lime Stone Mine-II), Mahankaligudem (V), Palakeedu (M), Suryapet District**, vide reference 3rd cited. The CFO & HWA Order is valid for a period ending with **31st day of December, 2021**.
- III) All the conditions stipulated in CFO & HWA Orders issued vide reference 1st cited will remain same. The Board reserves its right to review, modify, revoke conditions and vary the validity period of the CFO& HWA of the industry.
- IV) In case of any false certification, non-compliance of conditions / directions and deficiency in furnishing the information by the industry, the Board can withdraw the Auto Renewed consent and take action under provisions of relevant Acts & Rules, including forfeiture of the Bank Guarantee submitted by the industry for Rs.30,000/- (BG No. 0910316BG0001083, dt.22.11.2016).

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

- V) This Auto Renewal Order is issued subject to the following additional conditions, in addition to the conditions stipulated by the Board vide CFO & HWA Order issued vide reference 1st cited:
1. The industry should develop and maintain green belt all along the boundary of the industry and other vacant places. The industry shall take up extensive plantation under the Haritha Haram program of the State Government.
 2. Under auto renewal system, the industry shall apply at least 30 days before the expiry of the existing consent order for further renewals.

Sd/-
MEMBER SECRETARY

To

✓ M/s. Deccan Cements Limited,
(Bhavanipuram Lime Stone Mine-II),
Mahankaligudem (V), Palakeedu (M),
Suryapet District.

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

B. Mne
Senior Environmental Engineer
K



TELANGANA STATE POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-3, Industrial Estate,
Sanathnagar, Hyderabad – 500018

Ph: 040-2388750
Fax: 040- 2381560
Website: appcb.ap.nic..

RENEWAL OF CONSENT ORDER // BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE //

Consent Order No: TSPCB/RCP/NLG/11288/HO/CFO/2014-403 **Date:** 15.12.2014

(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.

CCONSENT 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 Limited (Mines),
Bhavanipuram Village,
Nereducherla Mandal,
Nalgonda Dist.
E-Mail Id : 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 Effluents	1.0	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 as permitted in the EC & CFE and yearly capacity should be limited to IBM approval only. The total Mine Lease area is 73.93 Ha & Mining will be confined to 66.65 Ha only.

S.No	Product	Quantity
1	Lime Stone Mining	6700 TPD (or) 20,00,000 MTPA

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.

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

The consent shall be valid for a period ending with the 31st day of December, 2016.

Sd/-
MEMBER SECRETARY

✓
M/s. Deccan Cements Limited (Mines),
Bhavanipuram Village,
Nereducherla Mandal,
Nalgonda Dist.

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


Senior Environmental Engineer
✓

SCHEDULE – A

1. The applicant shall make applications **through online** for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules **at least 120 days before the date of expiry of this order**, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board along with detailed compliance to the conditions stipulated in the CFO and HWA Order.
2. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water(Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air(Prevention and Control of Pollution) Act, 1981.
3. The industry may explore the possibility of tapping the solar energy for their energy requirements.
4. All other conditions stipulated in the Schedule – A of the earlier combined CFO & HWA order No:**APPCB/PTN/NGL/43/HO/W&A/2006-581, dt:01.07.2006** remains same. The industry shall ensure consistent compliance of each condition of Schedule-A.

SCHEDULE - B

1. The industry should not increase the capacity beyond the permitted capacity mentioned in this order, without obtaining CFE & CFO of the Board.
2. The industry shall not carry out expansion of mining activity without obtaining CFO of the Board.
3. The effluent discharged should not contain constituents in excess of the tolerance limits mentioned below.

Outlet	Parameter No.	Limiting Standards
1	pH	5.50 -9.00
	Total Suspended Solids (TSS at 103-105°C)	200.00 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (BOD 3 at 27°C)	100.00 mg/l

4. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S.No	Purpose	Quantity
1.	Dust Suppression	5 KLD
2.	Domestic	1 KLD
Total:		6 KLD

5. The industry should file the water cess returns in Form-I as required under section (5) of Water (Prevention and Control of Pollution) Cess Act, 1977 on or before the 5th of every calendar month, showing the quantity of water consumed in the previous month along with water meter readings. The industry should remit water cess as per the assessment orders as and when issued by Board.
6. The industry shall comply with ambient air quality standards of PM₁₀ (Particulate Matter size less than 10 µm) - 100 µg/m³; PM_{2.5} (Particulate Matter size less than 2.5 µm) - 60 µg/m³; SO₂ - 80 µg/m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry.

Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A)

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD


5. The industry shall install separate water meters for the mine for recording the water consumption in the mine, with necessary pipeline for assessing the quantity of water used for each of the purposes mentioned below and shall maintain records of the same:
 - (a) Spraying in mine pits
 - (b) Domestic purposes
 - (c) Processing, whereby water gets polluted and pollutants are easily biodegradable.
6. The industry shall establish four ambient air quality-monitoring stations in the core zone as well as in the buffer zone for monitoring RPM, SPM, NOx and SO2 and carryout AAQM in the mine as per the CPCB scheduled for AAQM. Location of the ambient air quality stations should be decided based on metrological data, topographical features and environmentally and ecologically sensitive targets and the frequency of monitoring should be submitted to the Board.
7. The industry shall take up plantation along the periphery of the mine and shall comply the plantation area as stipulated in the EC. The industry should continue green belt development along the haul roads, dumpsites, etc., for further increase of greenbelt area.
8. Plantation shall be raised by planting the native species, in consultation with local DFO / Agriculture Dept.
9. The industry shall ensure water sprinkling on haul roads is effective for dust containment / Suppression. At least 5 rows of suitable tree species should be planted on either side of the haul roads.
10. Vehicles should be well maintained and engine idling should be minimized. Vehicle cabs should be made dust-proof.
11. Drills should be water-jacketed. The industry shall undertake only wet drilling & shall ensure maintenance of adequate measures to mitigate dust generation & vibration problems from drilling operations. Local exhaust ventilation systems should be installed at dust generation points and the dust is led to a dust collection system.
12. The industry shall adopt eco friendly mining practices. The maximum charges used for plastic shall be regulated to avoid impacts of vibrations in the neighborhood area.
13. Blasting should be sequential in such a manner as to achieve minimum vibration by using shock tube and delay detonators.
14. The industry shall construct garland drains around dumps before starting the overburden removal & shall ensure restriction of suspended solids entry into natural drains.
15. All waste material should be accommodated within the Mining Lease Area.
16. All mining products and rejects, irrespective of size and quality, should be hauled away from the mine.
17. The natural drainage of water should be maintained. The project proponent shall ensure that no natural water course should be obstructed due to any mining operations. Dump sites should not cross any streams, water flow from the Mining Lease Area, even during the monsoon, should be free of suspended matter and conform to prescribed water quality standards.
18. Dumping of overburden, if done, should use the retreating pyramid bench formation with concurrent, physical and biological reclamation. Dumps should be contoured and provided with relief control and stabilized. Dump tops should be compacted leveled and be properly drained.
19. Soil binding and nitrogen fixing plants should plant in the Mining Lease Area. Biological reclamation should be done in two phases, the first phase should be plant appropriate quick growing grass and shrubs and the second phase should grow slower growing native shrubs and trees.
20. Check dams and filter beds shall be maintained to protect from stream run-offs.
21. Ground water table levels should be monitored every season. Any lowering of the ground water table in comparison to the previous season should be reported to the

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

22. The industry shall undertake artificial recharge measures in the project area for augmentation of ground water resources.
23. The industry shall submit the detailed mine closure plan with a timeframe and pattern of reclamation in each period. The ultimate plan shall show finished ground contours that will be reforested and the area that will be left open.
24. A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior executive who will report directly to the head of the organization.
25. An environmental policy statement which spells out the overall environmental management philosophy and the thrust programs for the next two years should be prepared and submitted to the Board and circulated to the people in habitats in a 10 km radius around the plant and mines.
26. The industry shall comply with the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.
27. The industry should maintain the compliance of CFE order dt. 26.07.2003 and E.C order dt. 20.09.2004.
28. The applicant shall submit Environment statement in Form V before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments.
29. The industry shall comply with the Task Force directions issued by the Board from time to time.
30. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991, should be followed.
31. The conditions stipulated in this order are without prejudice to rights and contentions of this Board in any Hon'ble court of Law.

Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Limited (Mines),
Bhavanipuram Village,
Nereducherla Mandal,
Nalgonda Dist.

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

Senior Environmental Engineer

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

By Speed Post/Onnne

No. J~21015/3"5/2015-1A.:r1 (M)
Government of India
Ministry of Envilionment, Forest and Clim|Ciite Chan'goe
Impact Assessment Division

Indira Parya'VaranBltlavan,
Vayu Wing, 3rd floor,
A lig;;mj, Inrh ..gh Rnnd,
New Delhi-i10 003

Dated: 5th January, 2017

To,

MIs Deccan Cement United
Sri S.Venkateswarlu
Vice President (works)
Mahankaligudem
Neredcherla mandai, Nalagonda District
Telangana

Tel. No. 040-23310168
Ernei: venkot.s@deccencements.co",

Sub.: Enhancement of Bhavanipuram Limestone Mime with production capacity from 0.3 million TPA 'tn 2_3 million TPA of limestone by MIs. Deccan Cement Ltd., located at villagle(s)- Ravipahad Mandal- Nereducerfa, District Nalagonda, Telaarngana (MLA: 183.11 hal - Environmental Clearance - regardiina.

Reference: Online Proposal no. IA/TGIMIN/31400/2 01!5

Sir,

This has reference to your online apptlcation for the above mentioned proposal for Enhancement of Limestone Mine with producton capacity from 0.3 million TPI\ to 2.3 million TPI\ of limestone In the mine lease area of 183.11 ha. The mine lease area is located at village Ravlpahad Mandal- Nereducerla, District Nalagonda, Telangana. The Coordinates of the four corners of the 100 ha mining lease area are: 16o42'27.00" N - 16o4.3'17.00" N Latitude and 79o42'37.00" E 79o44'13.00" E. 56P/9, S6P/13, S6P/IO & S6 P/14. The lease area Fallisin Seismic Zone II.

2. The proposal of Terms of Reference (ToR) was considered by the EAC in its 1~1 Meeting held durlf'1g December 21st -22^d, 2015 to determine the TOR for undertaking detailed EIA study. The ToR were issued by MoEFCC, vide letter No J-IIOIS/375/2013-I.A.II(M), dated Bv January, 2016. The Proposal fs to enhance Lime stone production of Bhavanipuram Lime stone Mine-3 from 0.3 to 2.3 MTPA to meet ~he Lime stone r-quirement of cement: plant due to exhaust Of reserves at Ohtlve..ipl,Jr-t3ntUme stone mine-2. The Proponent submitted the E:INEMlr>n.cport online to Ministry portal for seeking environmental clearance after conducting the Public Hearing.

3. The proposal is for enhancement of Deacan Cement lLtd Llrnes'tone Mine with production capacity from 0.3 million TPA to 2.3 million TPA of limestone. The mine lease area is 183.11 ha. Out of total mine lease 151.17ha, ls forest land and 2.94

EnvironmentalClearanceto MIs Deccan Cement Ltd

Page 1 of 10

ha is agricultural land. The lease was issued in the name of Deccan Cement Ltd. and is valid up to 27.12.2033. It was further extended by State Govt. up to 27.12.2043 as per Section 8 A of the MMDR Amended Act, 2015 and a letter is issued by the Asst. Director of Mines and Geology, Nalagonda-II Miryalaguda, vide letter no 484/M2/2007, dated 28.12.2013. The Mining Scheme with Progressive Mine Closure Plan for 183.11 ha area was approved by the Regional Controller of Mines, Indian Bureau of Mines, vide letter no. AP/NLG/MP/Mn- 73/HYD, dated 09th February, 2015.

4. Project Proponent reported that limestone mining is being carried out by fully semi mechanized opencast method using Heavy Earth Moving Machines and deep hole drilling and blasting with large dia holes. At the conceptual stage, out of the total mining lease area (i.e. 183.11 ha), 151.17 total mined-out area will be developed in to water reservoir out of which about 5.35 Ha along the mine lease boundary will be afforested under green belt development, 3.37 ha will be developed under work shop, mine office, crusher, road etc and remaining 23.22ha area (Blocked under Public Road & Electrical line. Total water requirement is 300 KLD. Project Proponent reported that mining will not intersect ground water table at the conceptual stage. Top soil generation for life of mine is 183110 cu.m. This will be disposed to the barrier zone of 7.5 m and the safety zone of road and is used for green belt development.

5. The Project Proponent reported that there is no National Parks/Wildlife Sanctuaries/Biosphere Reserves/Wildlife Corridors/Tiger/Elephant Reserves are located within the 10 km study area of the mine lease. The authenticated location map has been submitted by the Principal Conservator of Forests, Hyderabad, vide letter no 31015/2007/F2, dated 13.08.2013 Project Proponent reported that there is no Schedule species reported in the buffer area.

6. The Baseline data was collected for the period Winter Season i.e. December 2015 to February 2016. The analytical results of samples collected for all parameters were found within permissible limits. The Committee deliberated the baseline data presented by the Project Proponent.

7. Public Hearing was conducted on 15 July, 2016 at Project Site of JK Lakshmi Cement Ltd. village(s)- Ravipahad Mandal- Nereducera, District-Nalagonda, Telangana. The Public Hearing was presided over by Shri Ravi Nayak, Revenue Divisional Officer & ADM, Nalagonda. The representatives of the Telangana State Pollution Control Board, Nalagonda were also present. The issues raised during Public Hearing were also considered and discussed during the meeting, which inter-alia, included source of Drinking water, impact on Gaucher land, impact of blasting, benefit of expansion project & providing assistance for employment. Action plan with budgetary allocation has been given against Points raised in Public hearing.

8. Total cost of the Project is Rs. 120 Crores. Capital Cost for environmental protection measures is Rs. 95 Lakhs and Recurring cost is Rs. 40 Lakhs per annum and Rs. 25 Lakhs for mine closure plan. Project Proponent has earmarked Rs.637.78 Lakhs towards CSR activities for next ten years w.r.t. sustainable livelihood, education & capacity building, health care, social reforms and community development. Project Proponent reported that there is no court case/litigation pending against the project.

9. The Ministry of Environment, Forest and Climate Change has examined the proposal in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto and hereby accords the environmental

clearance under the provisions thereof to the above mentioned proposal of **M/s Deccan Cement Ltd for Enhancement of Limestone Mine with production capacity from 0.3 million TPA to 2.3 million TPA of limestone, located at village(s)- Ravipahad Mandal- Nereducerla, District Nalagonda, Telangana** subject to compliance of the followings terms and conditions and environmental safeguards mentioned below:

A. Specific conditions

- 1) **The Project Proponent may ensure the finalization of surface rights of agriculture land and change of Land Use Certificate from the Competent Authority, before starting the mining operations as required under law.**
- 2) The Project Proponent shall obtain Consent to Operate from the State Pollution Control Board, Himachal Pradesh and effectively implement all the conditions stipulated therein.
- 3) Cumulative impact assessment for air quality shall be carried out and report shall be submitted along with implementation plan of the suggested mitigation measures to Regional Office of MoEF within one year.
- 4) Project Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and records maintained; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smokers, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted; All the old age people of the surrounding villages may be provided medical facilities.
- 5) Transport of minerals shall be done either by dedicated road or it should be ensured that the trucks/dumpers carrying the mineral should not be allowed to pass through the villages. The Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.
- 6) Implementation of Action Plan on the issues raised during the Public Hearing. The Proponent shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing.
- 7) The pollution due to transportation load on the environment will be effectively controlled & water sprinkling will also be done regularly. Vehicles with PUC only will be allowed to ply. The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded. Project should obtain 'PUC' certificate for all the vehicles from authorized pollution testing centre.

- 8) Project Proponent shall ensure the safeguard and wellbeing of villagers and school, regular health monitoring of all residents in the area and the compliance Report shall be submitted to the Regional office of the Ministry.

B. Standard conditions

- 1). A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of final mine closure for approval.
- 2). No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest and Climate Change.
- 3). No change in the calendar plan including excavation, quantum of mineral and waste should be made.
- 4). The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) for the project.
- 5). Mining shall be carried out as per the provisions outlined in mining plan approved by Indian Bureau of Mines (IBM)/State Mines and Geology Department as well as by abiding to the guidelines of Directorate General Mines Safety (DGMS).
- 6). The lands which are not owned by Proponent, mining will be carried out only after obtaining the consents from all the concerned land owners as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957.
- 7). Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment, Forest and Climate Change its Regional Office.
- 8). The critical parameters as per the Notification 2009 such as PM_{10} , $PM_{2.5}$, NO_x , and SO_x etc. in the ambient air within the impact zone, peak particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.

- 9). The Proponent shall install online Ambient Air Quality Monitoring System and there should be system for display of digital AAQ data within 03 months at least at three locations as per wind direction. Online provisions of pH and turbidity meters at discharge points of STP and ETP and also at water storage ponds in the mining area may be made. Project Proponent should display the result digitally in front of the main Gate of the mine site.
- 10). Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM₁₀ and PM_{2.5} such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.
- 11). Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. 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 may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.
- 12). Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table.
- 13). Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
- 14). Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that

the impact of sound, dust and accidents could be mitigated. The project proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.

- 15). The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours.
- 16). Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. Crusher and material transfer points should invariably be provided with Bag filters and or dry fogging system. Belt-conveyors should be fully covered to avoid air borne dust.
- 17). Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt-conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
- 18). Sufficient number of Gullies to be provided for better management of water. Regular Monitoring of pH shall be included in the monitoring plan and report shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.
- 19). There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
- 20). The Project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling/leveling with the help of dozer/compactors.
- 21). The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation shall be followed. The local species may be encouraged and species are so chosen that the slope, bottom of the dumps and top of the dumps are able to sustain these species. The aspect of the dump is also a factor which regulates some climatic parameters and allows

only species adopted to that micro climate.

- 22). The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time. The maximum height of the dumps shall not exceed 8m and width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled and afforested. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.
- 23). Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. The drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps to prevent run off of water and flow of sediments directly into the river and other water bodies 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 shall be constructed at the corners of the garland drains and desilted at regular intervals.
- 24). Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.
- 25). Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".

- 26). The Project Proponent shall make necessary alternative arrangements, where required, in consultation with the State Government to provide alternate areas for livestock grazing, if any. In this context, Project Proponent should implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded against felling and plantation of such trees should be promoted.
- 27). The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.
- 28). **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 at Chandigarh. Implementation of such program shall be ensured accordingly in a time bound manner.**
- 29). 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, mobile STP, 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.
- 30). Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
- 31). 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 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
- 32). Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 33). A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 34). The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office.

- 35). The project authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
 - 36). The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.
 - 37). The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
 - 38). 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.
 - 39). State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.
 - 40). The project authorities should advertise at least 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 a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.
10. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The above conditions will 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court and any other Court of Law relating to the subject matter.

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

13. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

12. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

13. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

14. The above conditions will 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Meghalaya and any other Court of Law relating to the subject matter.

15. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Surendra Kumar)
Director (S)

Copy to:-

- i. **The Secretary**, Ministry of Mines, Government of India Shastri Bhawan, New Delhi.
- ii. **The Secretary**, Department of Environment, Government of Andhra Pradesh, Hyderabad.
- iii. **The Secretary**, Department of Forests, Government of Andhra Pradesh, Hyderabad.
- iv. **The Secretary**, Department of Mines and Geology, Government of Andhra Pradesh, Hyderabad.
- v. **The Secretary**, Department of Industries and Commerce (M-III), Govt of Andhra Pradesh, Hyderabad.
- vi. **The Additional Principal Chief Conservator of Forests (C)**, Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 600034
- vii. **The Chairman**, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
- viii. **The Chairman**, Andhra Pradesh State Pollution Control Board, Paryavaran Bhawan, A-3 Industrial Estate, Sanath Nagar, Hyderabad - 500 018
- ix. **The Member Secretary**, Central Ground Water Authority, A2, W- 3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- x. **The Chief Wildlife Warden**, Govt. of Andhra Pradesh, Aranya Bhawan , Saifabad, Hyderabad-500004
- xi. **The Controller General**, Indian Bureau of Mines, Indira Bhawan, Civil Lines, Nagpur- 440 001.
- xii. **The District Collector**, Nalgonda District, Government of Andhra Pradesh.
- xiii. Guard File.


(Surendra Kumar)
Director (S)

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD



TELANGANA STATE POLLUTION CONTROL BOARD
PARYAYARAN BHAVAN, A - 3, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018

Phone: 23887500
Fax: 040 - 23815631
Grams : Kalushya Nivarana
Website :www.TSPCB.ap.nic.i

REGD.POST WITH ACK.DUE

CONSENT ORDER FOR ESTABLISHMENT – RED CATEGORY

Lr.No.277/PCB/CFE/RO-NIG/HO/2017 - 3681

Dt.30.03.2017

Sub: PCB – CFE - **M/s. Deccan Cements Ltd, (Bhavanipuram Lime Stone Mine - 3), Ravipahad (V), Palakeedu (M), Suryapet District –** Consent for Establishment for expansion of the Board under Sec.25 of Water (P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - **Issued - Reg.**

Ref: 1) Industry's CFE application received through TS-iPASS on 10.03.2017.
2) R.O's inspection report dt. 15.03.2017.
3) CFE Committee meeting held on 27.03.2017.

1. In the reference 1st cited, an application was submitted to the Board seeking Consent for Establishment (CFE) of the Board for expansion to produce following products with a project cost of Rs. 2.0 Crores, within the existing premises:

Sl. No.	Name of the Products	Existing capacity as per CFO order dt.17.10.2015	Proposed capacity after expansion
1	Lime stone mining	0.3 Million TPA (910 TPD) in an area of 183 Ha.	2.3 Million TPA in an area of 183.11 Ha.

2. The above site was inspected by the Environmental Engineer and Asst. Environmental Engineer Regional Office, Nalgonda, T.S. Pollution Control Board on 13.03.2017 and observed that the site is surrounded
- North** : Forest land followed by Ravipahad Village road;
South : M/s.Deccan Cements Ltd;
East : Forest land followed by Ravipahad Village;
West : Forest land followed by Mahankaligudem – Nereducharla Road.
3. The Board, after careful scrutiny of the application and verification report of Regional Officer, hereby issues **CONSENT FOR ESTABLISHMENT FOR EXPANSION** to your unit Under Section 25 of Water (Prevention & Control of Pollution) Act 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and the rules made there under. **This order is issued to manufacture the products as mentioned at para (1) only.**
4. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.

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DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

5. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

Encl: Schedule 'A'
Schedule 'B'

Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Ltd,
(Bhavanipuram Lime Stone Mine - 3),
Ravipahad (V), Palakeedu (M),
Suryapet District

|| T.C.F.B.O. ||

B. Mue 

Joint Chief Environmental Engineer (FAC)



SCHEDULE - A

1. Progress on implementation of the project shall be reported to the concerned Regional Office, I.S. Pollution Control Board once in six months.
2. Separate energy meters shall be provided for Effluent Treatment Plant (ETP) and Air pollution Control equipments to record energy consumed.
3. The proponent shall obtain Consents for Operation (CFO) from TSPCB, as required Under Sec.25/26 of the Water (P&C of P) Act, 1974 and under sec. 21/22 of the Air (P&C of P) Act, 1981, before commencement of the activity.
4. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions by the Board.
5. The consent of the Board shall be exhibited in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
6. Compensation is to be paid for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability
7. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The industry shall maintain a good housekeeping. All pipe valves, sewers, drains shall be leak proof. Dyke walls shall be constructed around storage of chemicals.
8. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site. The proponent shall ensure that effluent shall not enter the Rain Water harvesting structure.
9. The rules and regulations notified by Ministry of Law and Justice, GOI, regarding the Public Liability Insurance Act, 1991 shall be followed.
- 10. This order is valid for period of 5 years from the date of issue.**

SCHEDULE – B

Water:

1. The source of water is from Bore well. The maximum permitted water consumption is 130.0 KLD.

Sl.No.	Purpose	Quantity
a)	Water Sprinkling & Spraying in mine pits (dust suppression)	110 KLD
b)	Green Belt	15.0 KLD
c)	Domestic	5.0 KLD
	Total	130.0 KLD

2. The maximum Waste Water shall not exceed the following:

Sl.No.	Waste Water Generation	Total
1	Domestic	0.5
Total		0.5 KLD

Treatment & Disposal:

Source of Effluent	Treatment	Mode of final disposal
Sanitary effluents	---	Septic tank followed by soak pit.

3. The industry shall ensure that no natural water course shall be obstructed due to any mining operations.
4. 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, greenbelt development, etc. The drains shall be regularly desilted, particularly after monsoon and maintained properly.
5. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and inter burden dumps and sump capacity shall 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.
6. Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the proponent in and around project area in consultation with the Regional Office, TSPCB. The frequency of monitoring shall be four times a year pre-monsoon (April/May), monsoon (August), Post-monsoon (November), and winter (January). The trend analysis of ground water quality monitoring shall be compared with base line data and requisite preventive measures shall be implemented to avoid depletion / deterioration of the ground water sources. Data thus collected shall be sent at regular intervals to the Regional Office, TSPCB.
7. The proponent has to provide a trench for storm water draining from the mine lease area to aid in preventing the sedimentation of silt and avoid siltation at the discharge end of check dams.
8. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a) Spraying in mine pits.
 - b) Domestic purposes.
 - c) Processing, whereby water gets polluted and pollutants are easily bio-degradable.
 - d) Processing, whereby water gets polluted and the pollutants are not easily bio-degradable.

Air:

9. The proponent shall comply with the following for controlling fugitive emissions.
- Water spraying shall be done on the blasted muck pile before loading by excavator to suppress the dust.
 - To control dust from drilling operations, drilling with dust collectors/wet drilling shall be practiced. Also drill speeds shall be regulated as per manufacturer's guidelines.
 - Regular Water spraying shall be done on haul roads and during unloading at crusher hopper to suppress the dust effectively.
 - Overloading of transport equipment shall be prevented in order to stop spillage.
10. The proponent shall comply with the following for controlling noise emissions.
- Machineries shall be properly maintained to prevent undesirable noise. Attention shall be paid towards rigorous maintenance of the silencers of diesel engines.
 - Surface drilling and blasting operations shall not be carried out at night.
 - The drilling shall be done with sharp drill bits to reduce generation of noise during drilling.
 - Controlled blasting with optimum charge per hole shall be practiced to reduce generation of noise.
 - Hydraulic rock breaker shall be used in lieu of secondary blasting.
 - Drill machine operators and dumper drivers shall be equipped with earplugs and earmuffs. The duty hours of operators working near the machinery shall be regulated to keep their noise exposure levels within limits.
 - Periodical monitoring of noise level of mining machines and at some locations in the mining site shall be done with the help of noise level meter.
11. **The proponent shall ensure compliance of the National Ambient Air quality standards notified by MoE&F, Gol vide notification No. GSR 826(E), dated. 16.11.2009 during construction and regular operational phase of the project.**
12. Fixed ambient air quality monitoring stations shall be provided in core and buffer zone in down windward direction in consultation with concerned Regional Officer of TSPCB for monitoring of PM_{2.5}, PM₁₀, SO₂, NO_x. The consolidated monthly report of the same shall be submitted.
13. Sequential blasting and use of non-electric delay detonators shall be adopted to reduce ground vibrations.
14. Periodical monitoring of blasting vibrations shall be carried out with seismograph and maintain records.

Solid Waste:

15. The proponent shall comply with the following.

Sl.No.	Type of Waste	Quantity	Method of disposal
1	Top soil	--	Top soil shall be used for plantation

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DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

16. Top Soil, if any, shall be stacked with adequate measures with proper slope at earmarked site (s) only and shall be used for reclamation / plantation and rehabilitation of mined out areas.
17. The following rules and regulations notified by the MOE&F, GOI shall be implemented.
 - a) Hazardous waste and other wastes (Management and Transboundary Movement), Rules, 2016.
 - b) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989.
 - c) Batteries (Management & Handling) Rules, 2010.
 - d) E-Waste (Management) Rules, 2016.

Other Conditions:

18. The proponent shall develop green belt all along the boundary of the mine lease area. Green belt development shall be started along with the mining activity.
19. The proponent shall obtain necessary mining approvals from the Department of Mines & Geology, Govt. of T.S / Indian Bureau of Mines(IBM) and shall also obtain Consent For Operation from the TSPCB before the commencement of mining activity. This shall be strictly adhered to without fail.
20. In any case, the proponent shall not exceed its limestone mining more than the capacity approved by IBM / MOE&F, GOI.
21. The proponent shall obtain license from Chief Controller of Explosives for handling of magazine for mining operation.
22. The proponent shall explore the possibility to convert mined area into a reservoir by plugging the leakages.
23. The proponent shall carryout studies on ground vibrations due to blasting activities. Based on the reports of every blast, the blasting parameters shall be modified if necessary with approval of concerned department.
24. The proponent shall adopt incline hole drilling to reduce the noise and ground vibration and not more than 15 -20 holes shall be drilled in one round of blast.
25. Muffle blasting shall be done towards the villages side.
26. The proponent shall ensure that there shall not be any change in the process technology and scope of working without prior approval from the Board.
27. The proponent shall comply with all the directions issued by the Board from time to time.
28. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attracts action under the provisions of relevant pollution control Acts.
29. The Board reserves its right to modify above conditions or stipulate any additional conditions in the interest of environment protection.
30. The above order is issued subject to the final orders of the Hon'ble NGT, Chennai in M.A No. 33 of 2016.

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31. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Ltd,
(Bhavanipuram Lime Stone Mine - 3),
Ravipahad (V), Palakeedu (M),
Suryapet District.

|| T.C.F.B.O. ||


Joint Chief Environmental Engineer (FAC)



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavarana Bhavan, A-3, Industrial Estate,
Sanathnagar, Hyderabad - 500018

Ph: 040-23887500
Fax: 040- 23815631
Website: tspcb.cgg.gov.in

CONSENT & AUTHORISATION ORDER FOR EXPANSION

// BY REGISTERED POST WITH ACKNOWLEDGEMENT DUE //

Consent Order No: TSPCB/RCP/NLG/HO/CFO/2017- 1458 **Date: 08.08.2017**

(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,
(Bhavanipuram Lime Stone Mine - 3),
Ravipahad (V), Palakeedu (M),
Suryapet 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	2.3 Million MTPA in an area of 183.11 Ha

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
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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.

- **This Consent for Operation Order is issued subject to the final Orders of the Hon'ble NGT, Southern Bench, Chennai in Application No.33 of 2016 (SZ) or any other Court of Law.**

The consent shall be valid for a period ending with the **30th day of April, 2022.**

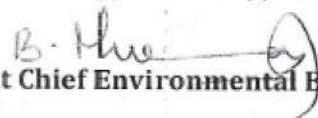
Sd/-
MEMBER SECRETARY

To
M/s. Deccan Cements Ltd,
(Bhavanipuram Lime Stone Mine - 3),
Ravipahad (V), Palakeedu (M),
Suryapet District.

Copy to:

1. The JCEE, Zonal Office, **Ramachandrapuram** for information and necessary action.
2. The EE, Regional Office, **Nalgonda** for information and necessary action.

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


Joint Chief Environmental Engineer

SCHEDULE - A

1. The applicant shall make applications through online for renewal of Consent (under Water and Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of the Order as per the procedure and eligibility stipulated in the Board Circular dt:19.11.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/circulars.aspx>).
2. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.
3. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.
4. The facility may explore the possibility of tapping the solar energy for their energy requirements.
5. All other conditions stipulated in the Schedule - A of the earlier combined order of **CFO & HWA Order No. TSPCB/RCP/NLG/20726/HO/CFO/2015-1497, Dt: 17.10.2015** remains same. The industry should ensure consistent compliance of the condition of Schedule -A.
6. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of protection of public health and environment.

SCHEDULE - B

1. The effluent discharged should not contain constituents in excess of the tolerance limits mentioned below.

Outlet	Parameter No.	Limiting Standards
1	pH	5.50 -9.00
	Total Suspended Solids (TSS at 103-1050C)	200.00 mg/l
	Oil and Grease	10 mg/l
	Biochemical Oxygen Demand (BOD 3 at 270C)	100.00 mg/l

2. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S. No	Purpose	Quantity
1.	Water Sprinkling & Spraying in mine pits (dust suppression)	110 KLD
2.	Green Belt	15.0 KLD
3.	Domestic	5.0 KLD
Total:		130.0KLD

3. The industry shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10 µm) - 100 µg/m³; PM2.5 (Particulate Matter size less than 2.5 µm) - 60 µg/m³; SO₂ - 80 µg/m³; NO_x - 80 µg/m³, outside the factory premises at the periphery of the industry.

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Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)
Night time (10 PM to 6 AM) - 70 dB (A)

4. The industry shall not increase the capacity beyond the permitted capacity, without obtaining CFE & CFO of the Board.
5. The industry shall provide and maintain water meters for recording water consumption for Dust suppression and domestic purposes.
6. The industry shall ensure continuous water sprinkling on haul roads and at other sources of dust emissions.
7. The industry shall develop and maintain greenbelt all along the haul roads. The industry shall take up extensive plantation under the Haritha Haram program of the State Government. The industry shall develop green belt along the boundary of the Mine Lease, area under the safety Zone of the road etc., as per the Mining plan.
8. The industry shall adopt eco-friendly mining practices. The industry shall take all the precautionary measures during drilling & blasting and control of Air Pollution due to Mining operations, to avoid any adverse impacts in the surrounding area, including Janpahad Darga.
9. The industry shall undertake only wet drilling & shall ensure maintenance of adequate measures to mitigate dust generation from drilling operations. The industry shall take necessary steps to suppress dust emission from drilling machines at its source by inbuilt water injection system.
10. The industry shall adopt latest blasting techniques to minimize the vibrations and dust emissions. The industry shall adopt blasting technique using non-electrical delay detonators. The industry shall avoid blasting during high windy periods, night times & temperature inversion periods.
11. The natural drainage of water shall be maintained. Dump sites shall not cross any streams, water flow from the Mining Lease Area, even during the monsoon, shall be free of suspended matter and confirm to prescribed water quality standards.
12. Soil binding and nitrogen fixing plants shall be planted in the Mining Lease Area.
13. All waste material shall be accommodated within the Mining Lease Area.
14. All mining products and rejects, irrespective of size and quality, shall be hauled away from the mine.
15. Ground water table levels shall be monitored every season. Any lowering of the ground water table in comparison to the previous season shall be reported to the Board immediately. Discarded pits shall be allowed to fill with water.
16. The industry shall take all possible measures for artificial recharge of ground water by implementing corrective measures.
17. Vehicles shall be well maintained and engine idling shall be minimized. Vehicle cabs shall be made dust-proof and air-conditioned.
18. The industry should provide automatic water sprinkler system all along the road from Mines to Lime stone crushers to minimize the dust emissions.
19. The industry shall construct check dams with Intermediate sedimentation traps in the flow path to arrest silt.

DECCANCEMNTS LIMITED::BHAVANIPURAM(Works)
DECCAN CHAMBERS: SOMAJIGUDA: HYDERABAD

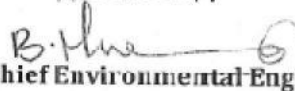
20. The industry shall submit the detailed mine closure plan with a timeframe and pattern of reclamation in each period. The ultimate plan shall show finished ground contours that will be reforested and the area that will be left open.
21. A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior executive who will report directly to the head of the organization.
22. An environmental policy statement which spells out the overall environmental management philosophy and the thrust programs for the next two years should be prepared and submitted to the Board.
23. The industry shall comply with the condition stipulated in the EC Order & CFE Order for expansion of Mining capacity.
24. The applicant should submit Environment Statement in Form V before 30th September of every year as per Rule No.14 of E(P) Rules, 1986 & amendments.
25. The conditions are without prejudice to the rights and contentions of the Board in any Court of law.

Sd/-

MEMBER SECRETARY

To
M/s. Deccan Cements Ltd,
(Bhavanipuram Lime Stone Mine - 3),
Ravipahad (V), Palakeedu (M),
Suryapet District.

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


Joint Chief Environmental Engineer
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TELANGANA STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE, NALGONDA

H.No. 8-15, 1st Floor, Sri Lakshmi Complex, Near RTO Office, Sri Vinayaka Nagar
Hyderabad Road, Nalgonda-508 001, Ph: 08682-248005

AUTHORIZATION (RENEWAL)

(Issued under Rule 10 of the Bio-Medical Waste Management Rules, 2016)

1. Order No. 68910/PCB/RO-NLG/BMWM/IND/2019 -203, Date: 14.03.2019

2. OHC of M/s. Deccan Cements Ltd an occupier or operator of the facility located at Janpahad (V), Palakeedu (M), Suryapet District is hereby granted an authorization for Generation, Segregation, Collection & Storage of Bio-Medical Waste.

3. OHC of M/s. Deccan Cements Ltd is hereby authorized for handling biomedical waste as per the capacity given below

(i) Number of beds of HCF: **Dispensary with 2 beds.**

(ii) Quantity of Biomedical waste handled, treated or disposed:

Type of Waste Category	Quantity permitted for Handling
Yellow	2.0 Kg / Month
Red	2.0 Kg / Month
White (Translucent)	1.0 Kg / Month
Blue	1.0 Kg / Month

4. This authorization shall be in force for a period up to 31.03.2024.

5. This authorization is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Place: Nalgonda
Date: 14.03.2019

B. Bhikshapathi
ENVIRONMENTAL ENGINEER &

PRESCRIBED AUTHORITY
ENVIRONMENTAL ENGINEER
T.S. Pollution Control Board,
Regional Office, Nalgonda.