

**REGD. A/D**

**ACL/EMD/F-16/2017/**

**29.11.2017**

**The Director (s),**  
Ministry of Environment & Forest (MoEF),  
Regional Office, Western Region,  
"Kendriya Paryavaran Bhavan"  
Link Road No.3, Ravi Shankar Nagar,  
Bhopal – 462016 (M.P.)

**Sub.:** Six Monthly Compliance Status Report of Environmental Clearance of Lodhva  
Limestone Mines

**Ref.:** Environmental Clearance Order No. J-11015/446/2013-IA-II (M) dated 26.05.16

Sir,

We are pleased to submit herewith half yearly compliance status report (i.e. for the period of April'17 to September'17) of Environmental Clearance Order No. J-11015/446/2013-IA-II (M) granted by MoEF to **Lodhva Limestone Mining Project** of Ambuja Cements Ltd., located at village - Lodhva, Taluka - Sutrapada, District – Gir Somnath (Gujarat). We are also enclosing here with CD containing soft copy of the same.

In case of further clarification/information require, we shall be please to provide the same.

Thanking you,

Yours faithfully,  
For **Ambuja Cements Ltd.**

**Dr Anand Rai**  
**Head - Environment**

Encl.: As above.

Copy to:

- 1) Central Pollution Control Board  
Privesh Bhavan, Atmajyoti Ashram Rd,  
Opp. VMC Ward Office No. 10, Subhanpura,  
Vadodara – 390023 (Gujarat)
- 2) Member Secretary,  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector-10-A,Gandhinagar-382010

- 3) Regional Officer  
Gujarat Pollution Control Board,  
Opp. Saint Anne's Church Station Road,  
Junagadh.

**Compliance Status of Environment Clearance issued to Lodhva  
Limestone Mines  
vide MoEF Letter No : J-11015/446/2013-IA.II (M) dated 26th May, 2016**

S No.	Condition	Compliance Status
<b>A. Specific Conditions</b>		
i	Environmental clearance is subjected to obtaining clearance under the Wildlife (Protection) Act, 1972 from the Standing Committee of NBWL, as may be applicable to this project.	<ul style="list-style-type: none"> <li>This condition is not applicable for this project.</li> </ul>
ii	The available technical and personal measures shall be taken to prevent or control the generation, release and dissemination of dust in the workplace.	<ul style="list-style-type: none"> <li>Point noted.</li> </ul>
iii	The project proponent shall obtain Consent to Establish and Consent to Operate from the Gujarat Pollution Control Board and effectively implement all the conditions stipulated therein.	<ul style="list-style-type: none"> <li>Consent to Establish has been granted by Gujarat Pollution Control Board vide CTE No. 81719, GPCB/ID-51851/CCA/JNG-908 and GPCB/ID – 51851/CCA/JNG-908/. Copy of Consent to Establish (CTE) is attached as <b>Annexure-1</b>.</li> </ul>
iv	Environmental clearance is subjected to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.	<ul style="list-style-type: none"> <li>Condition is not applicable for this project.</li> </ul>
v	Wet drilling operation will be practiced to control dust.	<ul style="list-style-type: none"> <li>Point noted and being complied. Mining will be done using eco-friendly, blast free Surface Miner Machine.</li> </ul>
vi	A buffer zone of 50m (green belt) on either side of the pond/nalla located near mine lease area or passing through lease should be developed for protection of the pond/nalla/stream.	<ul style="list-style-type: none"> <li>Point noted and shall be complied.</li> </ul>
vii	No mining activities will be allowed in forest area, if any, for which the Forest Clearance is not available.	<ul style="list-style-type: none"> <li>No forest land is within the Mine Lease area.</li> </ul>
viii	The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table.	<ul style="list-style-type: none"> <li>Mining is planned +1 m above ground water</li> </ul>
ix	The loose solids should be kept separately from flowing water and flow of effluents to nearby areas outside the leasehold shall be prevented. These paved drains along with arrangements for Over Burden Dumps and their drainage may be clearly depicted on a contoured map of the mining area.	<ul style="list-style-type: none"> <li>Point noted. The Loose solids shall be kept separately from flowing water and flow of effluents to nearby areas outside the leasehold shall be prevented. These paved drains along with arrangements for Over Burden Dumps and their drainage may be</li> </ul>

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		clearly depicted on a contoured map of the mining area.
x	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the 1 <sup>st</sup> and 2 <sup>nd</sup> order streams, emanating or passing through the mine lease during the course of mining operation.	<ul style="list-style-type: none"> <li>At no stage of mining natural water course will be obstructed by mining activity.</li> </ul>
xi	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.	<ul style="list-style-type: none"> <li>Top soil shall be temporarily stored at earmarked site (s) and it will not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.</li> </ul>
xii	Appropriate safeguard measures shall be taken to ensure stability and drainage of dump so that no solid waste/debris flows into the nallah.	<ul style="list-style-type: none"> <li>Point Noted</li> </ul>
xiii	The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time and their phase-wise stabilization shall be carried out. Proper terracing of OB dump(s) shall be carried out so that the overall slope shall not exceed 28°. The over burden dump(s) shall 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 dumps. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office, Bhopal on six monthly basis.	<ul style="list-style-type: none"> <li>Point Noted and all components of this condition shall be followed and Compliance status shall be submitted to the MoEFCC, Bhopal on six monthly basis.</li> </ul>
xiv	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, temporary OB and mineral dumps to arrest flow of slit and sediment directly into the adjoining River and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted particularly after the	<ul style="list-style-type: none"> <li>Point Noted</li> </ul>

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	monsoon and maintained properly.	
xv	Dimension of the retaining wall at the toe of the OB dumps(s) and the OB benches within the mine to check run-off and siltation should be based on the rain fall data.	<ul style="list-style-type: none"> <li>Point Noted and Dimension of the retaining wall at the toe of the OB dumps(s) and the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.</li> </ul>
xvi	Plantation shall be raised in the specified area including a 7.5 m wide green belt in the safety zone around the mining lease, OB dump(s), along the roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department. In addition, plantation shall also be raised in the backfilled and reclaimed area and around water body. The density of the tress should be around 2500 plants per ha.	<ul style="list-style-type: none"> <li>Point Noted. Plantation shall be raised in the specified area including a 7.5 m wide green belt in the safety zone around the mining lease, OB dump(s), along the roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department.</li> <li>In addition, plantation shall also be raised in the backfilled and reclaimed area and around water body. The density of the tress shall be around 2500 plants per ha.</li> </ul>
xvii	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	<ul style="list-style-type: none"> <li>Point Noted. All precautionary measures shall be followed to control dust emission and ensured the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board.</li> </ul>
xviii	Regular monitoring of water quality upstream and downstream of perennial nallahs falling in the impact zone shall be carried out and record of monitoring data should be maintained and submitted to Ministry of Environment, Forest and Climate Change, its Regional Office, Bhopal, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.	<ul style="list-style-type: none"> <li>Point Noted. Regular monitoring of water quality upstream and downstream of perennial nallahs falling in the impact zone shall be carried out and record of monitoring data shall be maintained and submitted to Ministry of Environment, Forest and Climate Change, its Regional Office, Bhopal, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.</li> </ul>
xix	Appropriate measures shall be taken for	<ul style="list-style-type: none"> <li>Point Noted</li> </ul>

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	treatment of the upper catchment of the mine lease area.	
xx	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	<ul style="list-style-type: none"> <li>• Suitable conservation measures shall be implemented to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board</li> </ul>
xxi	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 installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment, Forest and Climate Change and its Regional Office Bhopal, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.	<ul style="list-style-type: none"> <li>• Regular monitoring of ground water level and quality will be carried out in and around the mine lease area by developing network of existing wells &amp; establishing new pizometers.</li> </ul>
xxii	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of water, required for the project.	<ul style="list-style-type: none"> <li>• Requirement of Water shall be met from harvested Rain water of Mined Out pit.</li> </ul>
xxiii	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water board.	<ul style="list-style-type: none"> <li>• Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water board</li> </ul>
xxiv	Appropriate mitigative measures should be taken to prevent pollution of nearby River in consultation with the State Pollution Control Board.	<ul style="list-style-type: none"> <li>• Appropriate mitigative measures shall be taken to prevent pollution of nearby River in consultation with the State Pollution Control Board.</li> </ul>
xxv	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not	<ul style="list-style-type: none"> <li>• Vehicular emission will be checked &amp; monitored regularly.</li> <li>• All vehicles used for transportation of raw material will be covered properly.</li> </ul>

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	be overloaded.	
xxvi	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	<ul style="list-style-type: none"> <li>Blast free fully mechanized Surface Miner machine will be used for mining.</li> </ul>
xxvii	Drills shall either be operated with dust extractors or equipped with water injection system.	<ul style="list-style-type: none"> <li>Fully mechanized Surface Miner machine will be equipped with water injection system.</li> </ul>
xxviii	Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	<ul style="list-style-type: none"> <li>There is no mineral handling plant at Mine site. Mineral extracted is being transported to cement plant by tippers/truck tippers, which is being covered with suitable covering mechanism for prevention of fugitive emission.</li> </ul>
xxix	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	<ul style="list-style-type: none"> <li>Sewage treatment plant has already been installed &amp; operational at Ambujanagar. No additional colony has been developed at project site. ETP for workshop of waste water will be provided.</li> </ul>
xxx	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	<ul style="list-style-type: none"> <li>Point Noted. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records shall be maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly</li> </ul>
xxxi	Regular monitoring of free silica in the dust will be carried out and records maintained. It shall be ensured that the levels of silica do not exceed the prescribed limit. The workers will be provided with personal protective measures to guard against inhaling silica dust.	<ul style="list-style-type: none"> <li>Regular monitoring of free silica in the dust will be carried out and records shall be maintained. Necessary protective measure /PPEs will provided to workers.</li> </ul>
xxxii	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<ul style="list-style-type: none"> <li>All the operators and competent person is being resided in our existing colony at Ambujanagar, Kodinar.</li> </ul>
xxxiii	The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered flora as well as endangered	<ul style="list-style-type: none"> <li>Conservation &amp; Management plan of schedule 1 species has been prepared and authenticated by Chief Wild Life Warden,</li> </ul>

## Compliance Status of Environment Clearance issued to Lodhva Limestone Mines

**vide MoEF Letter No : J-11015/446/2013-IA.II (M) dated 26th May, 2016**

	fauna. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the Ministry and its Regional Office at Bhopal within 3 months.	Gandhinagar. Copy of action plan has submitted to Regional Office, MoEF&CC Bhopal.
xxxiv	The critical parameters such as RSPM ( Particulate matter with size less than 10 micron i.e., PM <sub>10</sub> ) and NO <sub>x</sub> 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, which is available on the website of the Ministry <a href="http://www.envfor.nic.in">www.envfor.nic.in</a> shall also be referred in this regard for its compliance.	<ul style="list-style-type: none"> <li>Point Noted</li> </ul>
xxxv	A Final Mine Closure plan along with details of Corpus Fund should be submitted to the Ministry of Environment, Forest and Climate Change 5 years in advance of final mine closure for approval.	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> </ul>
xxxvi	The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> </ul>
<b>B. General Conditions</b>		
i	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest & Climate Change.	<ul style="list-style-type: none"> <li>No change in mining technology and scope of working will be done without prior approval of the Ministry of Environment, Forest &amp; Climate Change.</li> </ul>
ii	No change in the calendar plan including excavation, quantum of mineral and waste should be made.	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> </ul>
iii	Four ambient air quality-monitoring stations	<ul style="list-style-type: none"> <li>Point noted and Ambient air</li> </ul>



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Limestone Mines**

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	should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM <sub>10</sub> ) and NO <sub>x</sub> 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.	quality monitoring stations shall be established in consultation of the State Pollution Control Department.
iv	Data on ambient air quality should be regularly submitted to the Ministry of Environment and Forests including its Regional office located at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/PCI-I dated 18.11.2009 should be followed for monitoring.	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> </ul>
v	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	<ul style="list-style-type: none"> <li>Environment friendly Surface Miner machine will be used for mining. Surface mining is provided with inbuilt facility of water sprinkling to suppress dust generated during mining. On all haul roads regular water sprinkling will be done by water tankers.</li> </ul>
vi	Personal 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.	<ul style="list-style-type: none"> <li>Dust Masks, Safety Shoes, Safety Goggles &amp; Helmet will be provided to each &amp; every personnel working in the mine area. Periodic Health Checkup will be done for personnel working in the mine area.</li> </ul>
vii	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	<ul style="list-style-type: none"> <li>Occupational health surveillance program of the workers will be undertaken periodically by our Occupational health center.</li> </ul>
viii	A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	<ul style="list-style-type: none"> <li>A well established Environmental management Division (EMD) with suitable qualified personal is in place. Head of Environmental Management cell directly report to the Unit Head of the Organization. EMD Organization chart is enclosed as <b>Annexure 2</b>.</li> </ul>
ix	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure	<ul style="list-style-type: none"> <li>Point noted</li> </ul>

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	should be reported to the Ministry of Environment, Forest & Climate Change and its Regional Office located at Bhopal.	
x	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	<ul style="list-style-type: none"> <li>Point noted. We will inform final closure and final approval of the project and date of start of the Land development.</li> </ul>
xi	The Regional Office of this Ministry located at Bhopal 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.	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> </ul>
xii	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bhopal, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental 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 Ministry of Environment and Forests, Bhopal, the respective Zonal Office of central Pollution Control Board and the State Pollution Control Board.	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> </ul>
xiii	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / 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 website of the Company by the proponent.	<ul style="list-style-type: none"> <li>A copy of clearance letter has been marked to all concern.</li> </ul>
xiv	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.	<ul style="list-style-type: none"> <li>GPCB is the concern authority for the same.</li> </ul>
xv	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution	<ul style="list-style-type: none"> <li>Point noted. Environmental statement will be submitted to concern authority for each financial year.</li> </ul>

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	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 clearance conditions and shall also sent to the Regional Office of Ministry of Environment and Forests, Bhopal by e-mail.	
xvi	The project authorities should advertise at least in two local newspaper 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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhopal.	<ul style="list-style-type: none"><li>• Advertisement was published in two local news papers.</li><li>• Copy of advertisement has been submitted to MoEF on 01.06.2016 vide letter no. ACL/EMD/F-13/2016/580/78600. Newspaper clip and letter are enclosed as <b>Annexure 3, 3(a), 3(b)</b>.</li></ul>



# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN  
Sector 10-A, Gandhinagar 382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

BYRPAD

## "Consent to Establish"(NOC)

CTE NO. 81719

NO: GPCB/ID- 51851/CCA/JNG- 908/

TO,

M/S. Lodhva Lime Stone Mining Project (ID -51851),

Various Survey No: of Lodhva, (as in application)

Vill: Lodhva -362715,

Tal – Sutrapada,

Dist: Gir Somnath.

**SUB: Consent to Establish (NOC)** under Section 25 of Water Act 1974 and Section 21 of Air Act 1981

**REF:** Your CTE fresh application inward No: 110580 dated: 18/07/2016.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (NOC)** for setting up of an industrial plant/activities at Various Survey No: of Lodhva, Vill: Lodhva -362715, Tal – Sutrapada, Dist: Gir Somnath for the manufacturing of the following items. **The Validity period of the order will be Seven years i.e. up to 17/07/2023.**

Sr. No.	Product	Capacity
1	Lime Stone	125000 MT/Month

### SPECIFIC CONDITIONS:

- 1) Unit shall comply all the conditions stipulated in Environment Clearance (MOEF) issued vide letter No: F.NO: J-11015/446/2013-IA.IF (M) dated: 26/05/2016.

### CONDITIONS UNDER WATER ACT 1974:

1. The water consumption and waste water generation shall be as under

	Water Consumption	Waste water generation
Industrial	115 KL/Day	5 KL/Day
Domestic	5 KL/Day	1 KL/Day

2. Sewage shall be disposed of through septic tank/soak pit system.

*Clean Gujarat Green Gujarat*

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

CC Sumon

**CONDITIONS UNDER AIR ACT 1981 :-**

3. There shall be no use of fuel hence there shall be no flue gas emission.
4. There shall be no process emission from the manufacturing process as well as any other ancillary process.
5. The concentration of Suspended Particulate Matter in ambient air measured between 3 meters and 10 meters distance from any equipment of stone crushing unit shall not exceed **600 microgram/M<sup>3</sup>**.
6. The applicant shall install & operate following measures to control emission of particulate matter shall not exceed the permissible limits.
  - a) **Water Spraying System at every source.**
  - b) **Construction of wind breaking walls.**
  - c) **Construction of Metal led Road within premises.**
  - e) **Regular Cleaning & Wetting at Ground within Premises.**
  - f) **Dust Suppression System.**
  - g) **Green Belt of 10-meter width all along the periphery.**
  - h) **Mining lease area is 591.1389 Hector.**
7. Ambient air quality within the premises of the industry shall conform to the following standards:-

PARAMETERS	PERMISSIBLE LIMIT	
	Annual	24 Hrs Average
Particulate Matter-10 (PM <sub>10</sub> )	60 Microgram/M <sup>3</sup>	100 Microgram/M <sup>3</sup>
Particulate Matter- 2.5 (PM <sub>2.5</sub> )	40 Microgram/M <sup>3</sup>	60 Microgram/M <sup>3</sup>
SO <sub>2</sub>	50 Microgram/M <sup>3</sup>	80 Microgram/M <sup>3</sup>
NO <sub>x</sub>	40 Microgram/M <sup>3</sup>	80 Microgram/M <sup>3</sup>

8. All measures for the control of environmental pollution shall be provided before commencing production.

**CONDITIONS UNDER HAZARDOUS WASTE ( If Applicable)**

9. Applicant shall have to comply with provisions of Hazardous and Other Wastes (Management And Trans boundary Movement) Rules-2016.
10. The applicant shall obtain membership of common TSDF site for disposal of Haz. Waste as categorized in Hazardous and Other Wastes (Management And Trans boundary Movement) Rules-2016
11. The applicant shall obtain membership of common Hazardous waste incinerator for disposal of incinerable waste.
12. The applicant shall provide temporary storage facilities for each type of hazardous Waste as per Hazardous and Other Wastes (Management And Trans boundary Movement) Rules-2016

**GENERAL CONDITION:**

13. Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed.

*CC Sharma*



## GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector 10-A, Gandhinagar 382 010

Phone : (079) 23226295

Fax : (079) 23232156

Website : www.gpcb.gov.in

14. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
15. In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
16. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
17. The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
18. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:  
Between 6 A.M. and 10 P.M.: 75 dB (A)  
Between 10 P.M. and 6 A.M.: 70 dB (A)
19. Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
20. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.
21. The applicant shall not carry out any activities or projects listed in schedule of the new EIA Notification dated 14/09/06 requiring prior Environment Clearance.

For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD

(CHIRAG BHIMANI)  
UNIT HEAD

COPY TO: Regional Officer, G.P.C. Board, Junagadh. For information and submission of monitoring report for compliance of the conditions.

*Clean Gujarat Green Gujarat*

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation



BY RPAD

**AMENDMENT OF CONSENT TO ESTABLISH (CTE)**

NO GPCB/ID - 51851/CCA-JNG- 908/

TO,  
M/S. Lodhva Lime Stone Mining Project (ID -51851),  
Various Survey No: of Lodhva,  
Vill: Lodhva -362715,  
Tal - Sutrapada,  
Dist: Gir Somnath.

**Sub:** - Amendment of Consent to Establish (CTE) of this Board under the provision the waste (Prevention and Control of Pollution) Act -1981, the air Prevention and Control of Pollution) 1981 and Hazardous and other wastes (Management and Trans Boundary Movement) Rules, 2016 framed under the Environmental (Protection) Act -1986.

**Ref:** 1. Your letter no: ACL/EMD/F-13/2016/639 dated: 24/10/2016.  
2. This Board has issued CTE vide letter No: GPCB/ID -51851/CCA/JNG -908/371857 dated: 03/10/2016.

Sir,

The Board has granted Consent To Establish (NOC) order No: 81719 dated: 18/07/2016 issued vide our letter No: GPCB/ID -51851/CCA/JNG -908/371857 dated: 03/10/2016 is amended as under.

1. The product quantity mentioned of the said CTE order hence forth shall be read as under.

Sr No	Product	Total Qty
1	Lime Stone	1.5 MTPA

2. The other conditions of the Consent To Establish (NOC) order No: 81718 dated: 18/07/2016 issued vide our letter No: GPCB/ID -51851/CCA/JNG -908/371857 dated: 03/10/2016 shall remain unchanged.

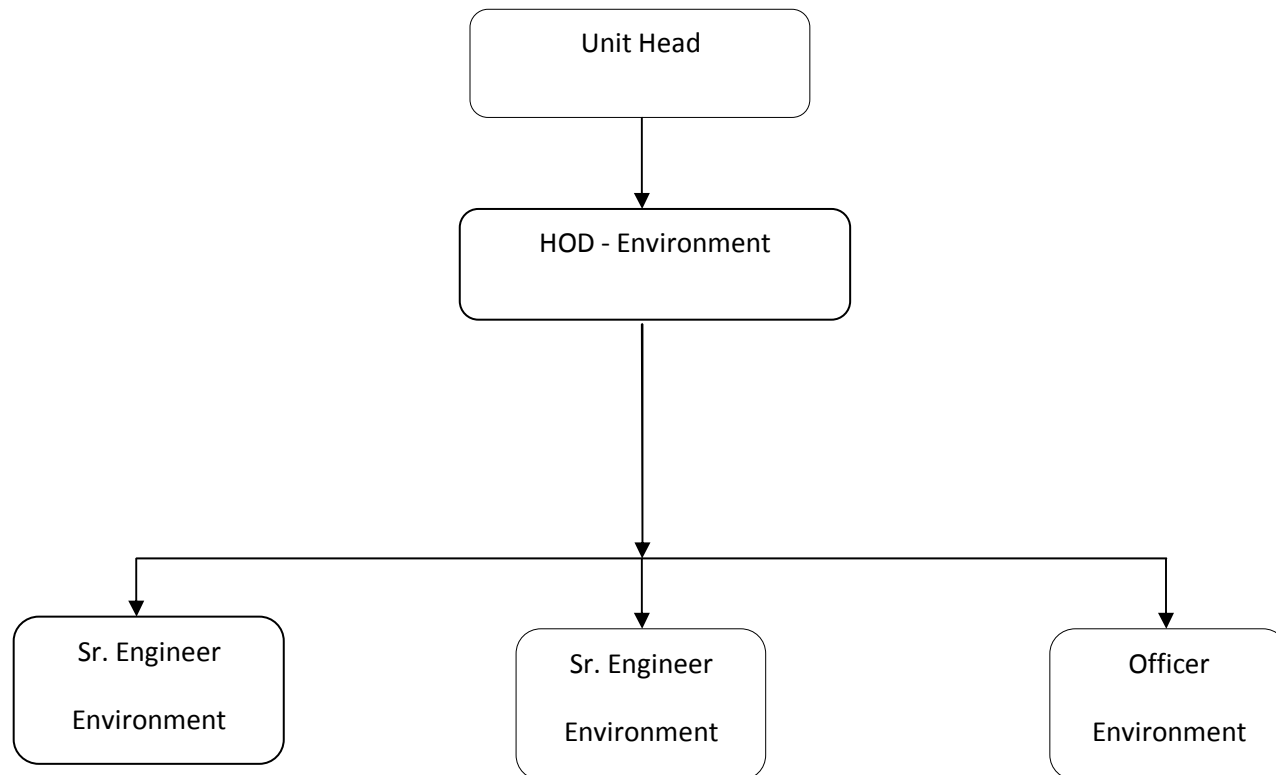
For and on behalf of  
Gujarat Pollution Control Board,

(CHIRAG BHIMANI)  
UNIT HEAD

Copy to: R.O. Junagadh for information.

## Annexure II [ORGANISATION CHART]

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o/c  
**Ambuja  
Cement**

ACL/EMD/F-13/2016/580/78600

Date: 01.06.2016

To,

Director,  
Ministry of Environment, Forest & Climate Change (Western Zone),  
E-5, Kendriya Paryavaran Bhawan,  
Arera Colony, Link Road-3  
Ravishankar nagar  
Bhopal- 462016

**Sub: Environment Clearance of Lodhva Mining with production capacity 1.5 million TPA of Limestone by M/s Ambuja Cements Limited, located at village-Lodhva, Taluka-Sutrapada, District Gir Somnath (Erstwhile Junagadh), Gujarat (Lease area 591.1389 ha)**

Ref: Vide letter F. No. J-11015/446/2013-IA.II (M) dated 26<sup>th</sup> May, 2016

Sir,

We would like to inform you that Ministry of Environment, Forest & Climate Change (MoEF&CC), New Delhi has granted Environment Clearance to M/s Ambuja Cements Limited for Lodhva Limestone mining (Lease area 591.1389 ha) production capacity 1.5 million TPA at village Lodhva, Taluka-Sutrapada, District Gir Somnath.

As per General Condition (xvi) of Environment Clearance, we are hereby submitting the copy of Environment Clearance of Lodhva Limestone mining and Newspaper clipping of advertisement about project for your kind information and reference please.

Thanking You

Yours Sincerely,  
(For Ambuja Cements Ltd.)



**S. Ramarao**  
Unit Head & Joint President

**Regd. Office :**

PO: Ambujanagar -362715, Tal: Kodinar,  
Dist: Gir Somnath (Gujarat)  
Phone: (02795) 221137, 232009,  
Fax: (02795) 220328, 232032

**Ambuja Cements Limited**  
(Unit: Ambujanagar)

CIN No. : L26942GJ1981PLC004717  
[www.ambujacement.com](http://www.ambujacement.com)

**Corporate Office:**

Elegant Business Park,  
MIDC Cross road 'B'  
Off Andheri - Kuria Road, Andheri (E),  
Mumbai - 400 059. Phone : (022) 4066700

# જય હિન્દ પ્રેસ

પ્રકાશક અને માલિક: ભારત નરોત્તમદાસ શાહ  
જય હિન્દ પ્રેસ બિલ્ડીંગ, બાબુભાઈ શાહ માર્ગ, રાજકોટ  
ફોન: ૨૪૪૦૫૧૧-૧૨-૧૩ ફેક્સ: ૨૪૪૮૬૭૭

મુદ્રણસ્થાન : જય હિન્દ ઓફસેટ પ્રેસ  
જય હિન્દ પ્રેસ બિલ્ડીંગ, બાબુભાઈ શાહ માર્ગ, રાજકોટ  
વેબસાઈટ: www.jainhindnewsaper.com ઈમેલ: mihirshah3082@gmail.com

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ફોન: ૨૪૪૦૫૧૧-૧૨-૧૩ ફેક્સ: ૨૪૪૮૬૭૭

JAI HIND-Rajkot, Regd. No. RAJKOT/020/2015-2017, Valid upto 31-12-2017, RNI Regn. No. 1608/57, વર્ષ 56 સંક્ર: 06, સોમવાર તા. 30-4-2015, સંવત ૨૦૭૨ વૈશાખ વદ-૬, પાના ૧૦, કિંમત રૂ. 3-40.

## જાહેર સૂચના

આથી સૂચિત કરવામાં આવે છે કે ભારત સરકારશ્રીના પર્યાવરણ, વન તથા જલવાયુ પરિવર્તન, મંત્રાલય ઇમ્પેક્ટ એસેસમેન્ટ વિભાગ, નવી દિલ્હી-૧૧૦૦૦૩ના પત્ર નં. J-11015/446/2013-IA.II (M) તા. ૨૬/૫/૨૦૧૬ થી અંબુજા સિમેન્ટ લીમિટેડ લોઢવા માઈનીંગ પ્રોજેક્ટ ગામ-લોઢવા તા. સુત્રાપાડા જી. ગીર સોમનાથ માટે એન્વાયરમેન્ટ ક્લિયરન્સ આપવામાં આવેલ છે. જેની નકલ ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ, પર્યાવરણ ભવન, સેક્ટર ૧૦-એ, ગાંધીનગર-૩૮૨૦૪૩, ગુજરાત તેમજ પર્યાવરણ, વન તથા જલવાયુ પરિવર્તન, મંત્રાલયની વેબસાઈટ <http://envfor.nic.in> પર ઉપલબ્ધ છે.

## અંબુજા સિમેન્ટ લીમિટેડ

P.O. અંબુજાનગર-૩૬૨૭૧૫ તા. કોડીનાર જિલ્લો-ગીરસોમનાથ

# THE TIMES OF INDIA

## PUBLIC NOTICE

This is to inform all concerned that the Ministry of Environment, Forest & Climate Change, Impact Assessment Division, Government of India, New Delhi - 110003 has accorded Environment Clearance to Lodhva Limestone Mining Project of Ambuja Cements Ltd at Village Lodhva, Taluka Sutrapada, District Gir Somnath, vide its letter F.No. J-11015/446 / 2013 - IA. II (M) DATED 26.05.2016. Copy of the said clearance letter is available with the Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10 - A, Gandhinagar - 382043, Gujarat and may also be seen at website of the Ministry of Environment, Forest & Climate Change at <http://envfor.nic.in>

**Ambuja Cements Limited**

PO - Ambujanagar - 362715,  
Taluka Kodinar, District Gir Somnath.

