

**Ambuja  
Cement**

REGD. A/D

ACL/EMD/F-16/2019/2050

25.11.2019

✓ **Director,**  
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

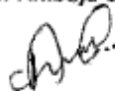
**Ref.:** Environmental Clearance Order No. J-11015/446/2013-IA-II (M) dated 26.05.16

Sir,

We are pleased to submit herewith half yearly compliance status report (i.e. for the period of **April'19 to Sep'19**) 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.

Thanking you,

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



**Anand Prakash**  
Head Environment

Copy to:

- 1.) Central Pollution Control Board (CPCB) Privesh Bhavan, Atmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara - 390023 (Gujarat)
- 2.) Member Secretary, Gujarat Pollution Control Board (GPCB), Paryavaran Bhavan, Sector-10-A, Gandhinagar-382010
3. Regional Officer, Gujarat Pollution Control Board (GPCB), Opp. Saint Anne's Church Station Road, Junagadh.

Regd. Office :  
PO : Ambujanagar - 382 715, 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 - Kurla Road, Andheri (E)  
Mumbai - 400 059. Phone : (022) 4066700

**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**

**Note : Mining Operation has not been started yet**

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> <li>Mining Operation has not been started yet. Land development work is under progress.</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 and will be completed.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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 Consent to Operate has been granted by GPCB vide CTO No. AWH-84225 date of issue-14/02/2017 &amp; Valid up to 06/01/2022, Copy of Consent to Establish &amp; Consent to Operate (CTE &amp; CTO) is attached as below.</li> <li><b>Mining Operation has not been started yet.</b> Land development work is under progress.</li> </ul>



**GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN  
Sector-10-A, Gandhinagar 382 010  
Phone : (079) 23222425  
(079) 23232152  
Fax : (079) 23232156  
Website : www.gpcb.gov.in

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

**RPAD**

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and other Wastes (Management and Trans boundary movement) Rules, 2016 framed under the Environmental (Protection) Act-1986.

And whereas Board has received consolidated consent application No.116870 dated 07/01/2017 for the Consolidated Consent and Authorization (CC & A) of his Board under the provisions/rules of the aforesaid Acts. Consents & Authorization are hereby granted as under:

**CONSENTS AND AUTHORISATION:**  
(Under the provisions /rules of the aforesaid environmental acts)

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.

1. Consent Order No. : **AWH- 84225** date of Issue: **14/02/2017**

1.1 The consents shall be valid up to **06/01/2022** for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Capacity
1	Lime Stone	1.5 MTPA

**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.II (M) dated: 26/05/2016.

**2. CONDITIONS UNDER WATER ACT 1974:**

2.1 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

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

**3. CONDITIONS UNDER AIR ACT 1981:-**

3.1 There shall be no use of fuel hence there shall be no flue gas emission.

*(Signature)*

**Clean Gujarat Green Gujarat**  
ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

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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. No Drilling operation will be carried out during mining activity.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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> <li>Mining Operation has not been started yet. Land development work is under progress.</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/nallah/stream.	<ul style="list-style-type: none"> <li>Point noted and shall be complied. Mining Operation has not been started yet. Land development work is under progress.</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. Thus this condition is not applicable to us.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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 operation will be done in such a way that it should not intersect the ground water table and mining operation will be restricted to above ground water table.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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. Over Burden Dumps and their drainage will be clearly depicted on a contoured map of the mining area when it will be generated.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
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>Natural water course will be not be obstructed by mining activity at any stage.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</li> </ul>

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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 and shall be used for land reclamation and plantation.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</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 and will be implemented as the mining operation will be started.</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. Mining Operation has not been started yet. Land development work is under progress.</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 monsoon and maintained properly.	<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> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
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> <li>• Mining Operation has not been started yet. Land development work is under progress.</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	<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</li> </ul>

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	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.	<p>roads, etc. by planting the native species in consultation with the local DFO/Agriculture Department.</p> <ul style="list-style-type: none"> <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> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
xix	Appropriate measures shall be taken for treatment of the upper catchment of the mine lease area.	<ul style="list-style-type: none"> <li>• Point Noted</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
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> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>

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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 piezometers.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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 in lower benches and no withdrawal of ground water will be done.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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 has already been planned and executed by ACF, Ambujanagar. Our Initiative was witnessed and appreciated by Shri Saurav Gupta, Regional Director, CGWB during his visit of Ambujanagar.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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>Mining Operation has not been started yet. Land development work is under progress.</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 be overloaded.	<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> <li>Mining Operation has not been started yet. Land development work is under progress.</li> </ul>

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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>• Not Applicable.</li> <li>• Blast free fully mechanized Surface Miner machine will be used for mining.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
xxvii	Drills shall either be operated with dust extractors or equipped with water injection system.	<ul style="list-style-type: none"> <li>• Not Applicable.</li> <li>• Fully mechanized Surface Miner machine will be equipped with water injection system.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under progress.</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. Oil &amp; Grease Trap for workshop of waste water will be provided.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under</li> </ul>



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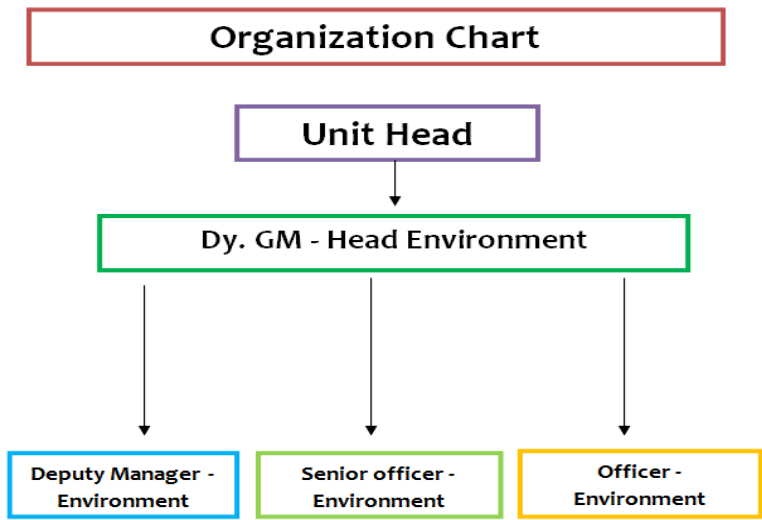
		progress.
xxxii	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<ul style="list-style-type: none"> <li>All the operators and competent person will be resided in our existing colony at Ambujanagar, Kodinar.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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 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.	<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, Gandhinagar. Copy of action plan has submitted to Regional Office, MoEF&amp; CC Bhopal.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
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> <li>Mining Operation has not been started yet. Land development work is under progress.</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> <li>Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
xxxvi	The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by	<ul style="list-style-type: none"> <li>Point noted and will be complied.</li> <li>Mining Operation has not been started yet. Land development work is under</li> </ul>



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	the locals in the public hearing as well as during consideration of the project, while implementing the project.	progress.
<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>• Change in mining technology and scope of working will not be done without prior approval of the Ministry of Environment, Forest &amp; Climate Change.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
iii	Four ambient air quality-monitoring stations 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.	<ul style="list-style-type: none"> <li>• Point noted and Ambient air quality monitoring stations has been established in consultation of the State Pollution Control Department and monitoring is being done as per NAAQ Norms.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
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. Mining Operation has not been started yet. Land development work is under progress.</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. Water tankers are plying on all haul roads to suppress the fugitive dust.</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</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</li> </ul>

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		<p>be done for personnel working in the mine area.</p> <ul style="list-style-type: none"> <li>• Mining Operation has not been started yet. Land development work is under progress.</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> <li>• Mining Operation has not been started yet. Land development work is under progress.</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 Under:</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
	<div style="text-align: center;">  <pre> graph TD     A[Unit Head] --&gt; B[Dy. GM - Head Environment]     B --&gt; C[Deputy Manager - Environment]     B --&gt; D[Senior officer - Environment]     B --&gt; E[Officer - Environment]                     </pre> <p><b>Organization Chart</b></p> <p><b>Unit Head</b></p> <p><b>Dy. GM - Head Environment</b></p> <p><b>Deputy Manager - Environment</b>   <b>Senior officer - Environment</b>   <b>Officer - Environment</b></p> </div>	
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 should be reported to the Ministry of Environment, Forest & Climate Change and its Regional Office located at Bhopal.	<ul style="list-style-type: none"> <li>• Point noted</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</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**

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> <li>Mining Operation has not been started yet. Land development work is under progress.</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> <li>Mining Operation has not been started yet. Land development work is under progress.</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> <li>Mining Operation has not been started yet. Land development work is under progress.</li> <li>Complied. Last Half yearly EC compliance report has been submitted vide letter No . <b>ACL/EMD/F-16/2019/1064</b> dated <b>30.05.2019</b></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> <li>Mining Operation has not been started yet. Land development work is under progress.</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 concerned authority for the same.</li> <li>Mining Operation has not been started yet. Land development work is under progress.</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 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	<ul style="list-style-type: none"> <li>Environmental statement is being Submitted to concern authority for each financial year and this year submission was on 22.09.2018 vide letter no. <b>ACL/EMD/F-22/2018/931/84093</b></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**

	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.	<ul style="list-style-type: none"> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>
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. Copy is pasted as under (a).</li> <li>• Copy of advertisement has been submitted to MoEF on 01.06.2016 vide letter no. ACL/EMD/F-13/2016/580/78600. Copy is pasted as under (b).</li> <li>• Mining Operation has not been started yet. Land development work is under progress.</li> </ul>

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

**Regd. Office :**  
PO : Ambujanager - 362716, Tal : Kodinar,  
Dist. : Gir Somnath (Gujarat)  
Phone : (02798) 251137, 232605,  
Fax : (02798) 248326, 232032

**Ambuja Cements Limited**  
(Unit : Ambujanager)  
CIN No. : L28840GJ190 MPLCO04717  
www.ambujacement.com

**Corporate Office:**  
Eswari Business Park,  
MIDC Ghat Road 'B'  
Old Andheri - Kurla Road, Andheri (E),  
Mumbai - 400 059. Phone : (022) 4066700



# 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

Ambuja Cement Foundation ( Unit: Ambujanagar, Kodinar, Gujarat)

## Key Performance Indicators up to Sept. 2019

Sr. No	Details of Work/activities	Unit	Cummulative up to 2018-19	Achievements during 2019-20 (Sept. 19)	Cummulative up to 2019-20 (Sept. 19)
<b>1A</b>	<b>Water Resources Management and Drinking Water Projects</b>				
	a. Checkdam construction / Renovation	No	222	3	225
	c. Well Recharging / Percolation well	No	1268	0	1268
	d. Ponds Construction / Renovation	No	119	0	119
	e. Link Channels / Canals construction	Km	67.29	0	67.29
	f. Water Storage Tank / Farm Ponds	No	734	0	734
	g. Total surface water harvested	MCM	38.24	0.49	38.73
<b>B</b>	<b>Drinking Water Projects</b>				
	a. RRWHS Construction	No	3909	20	3929
	b. Drinking water wells / Bore wells / Renovation of Saline Wells	No	119	0	119
	c. Overhead / Cistern Tank construction/underground sump	No	25	0	25
	d. Community Based Drinking Water Project	No	58	0	58
<b>C</b>	<b>Soil and Water Conservation</b>				
	a. Area Treated ( Gully Control / Gabion / loose boulder structure / weir crates / Khadine	Ha	11876	0	11876
<b>2A</b>	<b>Agriculture Development</b>				
	a. Micro Irrigation system, Drip and Sprinklers	Acre	11848.66	303.02	12151.68
	No. of farmers covered	No	2580	88	2668
	No of units	No	326	0	326
	No of families		299	0	299
	d. Training & Exposure visits	No	5900	469	6369
	Farmers trained	No	177463	43623	221086
	e. Vermi / NADEP Composting	No	158	0	158
	g. Aquaculture	No	120	0	120
	i. Seed Production programme	Acre	1166	0	1166
	j. Better Cotton Initiative - Area covered	Acre	34677	111698	146375
	- Farmers covered	No	26222	8504	34726
	k. Farmer producer organization	No	1	0	1
	l. No of members	No	1811	0	1811
<b>B</b>	<b>Farm Forestry and Afforestation</b>				
	a. Horticulture Plantation	Acre	12215.075	409.27	12624.345
	No of plants	nos	904112	22086	926198
	b. Agro-Farm Forestry	Acre	5391.01	0	5391.01
	c Afforestation	Acre	17.77	0	17.77
	d. Avenue plantation / Roadside plantation	Km	8.68	0	8.68
<b>3</b>	<b>Animal Husbandry Programme</b>				
	a. Cattle Health Camps	No	223	0	223
	Cattles Treated	No	174541	0	174541
	Cattle Immunised	No	26066	0	26066
	b. Fodder Demonstrations	Acre	2571.1	0	2571.1
	c. Artificial Insemination	No	49123	0	49123
	d. Integrated cattle feeding system	No	1394	0	1394
	e. Dairy co-operatives formed	No	1	0	1
	g. No of families benefited by AH programme		10463	0	10463
<b>4</b>	<b>Non Conventional Energy</b>				
	a. Biogas Plants	No	526	0	526
	b. Smokeless Chullahs	No	4671	0	4671
<b>5</b>	<b>Education Development</b>				
	b. School / Anganwadi (Balwadi) Support Programme	No	19	0	19
	h. Village / School Library	No	3	0	3
	i. Village Knowledge Centre / Computer education	No	3	0	3
	j. Adolescent Education Programme	No	4	0	4
	l. Students training / exposure visits	No	157	0	157
	n. Schools benefited	No	52	0	52
	o.No of students benefited under Education Development		8482	0	8482

<b>7</b>	<b>Health and sanitation Programme</b>				
	a. No of camps organised (include all general and speciality health camps)	No	334	10	344
	Patients benefited	No	58669	1915	60584
	b. Villages benefited under mobile & weekly dispensary	No	22	0	22
	Patients treated	No	350102	0	350102
	c. Sakhis (Village Health Functionaries)	No	19	0	19
	d. Villages covered by Sakhis / Patients treated by Sakhis	No	14	0	14
	No of Patients treaded		32828	1324	34152
	e. Khelwadi sessions conducted by Sakhis	No	3611	0	3611
	f. Health intervention trainings done (include trainings of Sakhis / Govt. health fuctioneries)	No	36	7	43
	Participants in trainings	No	1089	197	1286
	g. Construction of Toilet Blocks / Sulabh Sauchalaya / Soak Pits	No	10900	123	11023
	h. Villages where Total Sanitation Campaign initiated	No	208	13	221
	i. No of Village Health Sanitation Committees activated	No	73	0	73
<b>8A</b>	<b>HIV/AIDS Awareness Programme ( Community )</b>				
	h. No of people benefited	No	138828	0	138828
<b>B</b>	<b>Workplace Programme</b>				
	a. Awareness session for Staff / Families / contract staff / laboures / Truckers / Students / Rural community	No	10818	0	10818
	b. Master Trainers / peer educators		64	0	64
<b>9</b>	<b>Skill and Entrepreneurship Development Programme - Ambujanagar &amp; Rajula</b>				
	a. No of institute	No	2	0	2
	b. No of batches / courses	No	221	25	246
	c. Entrepreneurs trained under SEDI / ITI	No	4348	476	4824
	d. No of trainees placed	No	3554	309	3863
	e. No of trainees persuing (Continuation)			601	601
<b>10</b>	<b>Women and Youth Development</b>				
	a. No of SHG formed	No	600	40	640
	No of members	No	7413	437	7850
	b. Training & Exposure (women)	No	1058	62	1120
	No of participants	No	35888	1822	37710
	c. Training & Exposure (Youth)		81	0	81
	No of participants	No	4823	0	4823
	d. No of Federations Formed	No	1	0	1
<b>11</b>	<b>Rural Infrastructure Development Programme</b>				
	a. Construction of Common Pathways / Village Roads	No / Mtrs	81387.4	1670	83057.4
	b. Street Light installation	No	97	130	227
	c. Drainage construction	Mtrs	1075	0	1075
	d. Crematorium / Ghats construction/ Drinking water facilities	No	31	0	31
	e. Community Centre construction / School classroom	No	119	5	124
	f. Support for Social and Cultural Events	No	300	8	308
	g. House repairing	No	0	0	0
	h. Construction of culverts / bridge	No	9	2	11
	j. Construction of new School / school repairing	No	3	0	3
	k. No of villages covered	No	69	0	69
	l.const.of compoundwall for common area	Rmt	920	140	1060
<b>12</b>	<b>Gir Forest Conservation project</b>				
	a. Construction of Parapet wall around wells to protect wild animals	No	1702	0	1702
<b>13</b>	<b>Krishi Vigyan Kendra - Kodinar</b>				
	a. No of villages covered	No	310	0	310
	b. No of farmers trained	No	120974	2607	123581
	c. No of technology transferred (FLD)	No	229	19	248
	d. No of technology tested (OFT)	No	83	5	88
<b>14</b>	<b>Over all coverage</b>				
	a.No of villages	No	409	101	510
	a.Approx No of People benefited	No	875088	167907	1042995
<b>15</b>	<b>KVY III programmes</b>				
	a. IPM,INM&IDM practice adopted	Acre	67757	0	67757
	b.Soil testing	Farmers	3389	0	3389
	c.Village information centre	Villages	36	0	36
	d. SMS base agri. information system 3 SMS/month	Farmers	31645	0	31645
<b>16</b>	<b>Community safety awarress programmes</b>				
	Community Safety	No	826	51	877
	Total participant in community safety	No	22365	3232	25597