**Ambuja Cement**

REGD. A/D

ACL/EMD/F-16/2022/2690 18.11.2022

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

**Sub.:** Half yearly 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'2022 to September'2022)** of Environmental Clearance Order No. J-11015/446/2013-IA-II (M) granted by MoEFCC to ***Lodhva Limestone Mining*** *Project* of Ambuja Cements Ltd., located at village - Lodhva, Taluka - Sutrapada, District – Gir Somnath (Gujarat).

This is for your information and record please.

Thanking you,

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

**Devendra Singh Chauhan**
**Head-Environment**

Encl.: As above.

**Copy to:**

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

**MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS**

Ministry of Environment & Forests

Regional Office (W), Bhopal

Monitoring Report

Part-I

**DATA SHEET**

| | | | |
|---|---|---|---|
| 01 | **Project type:** River valley/ Mining/Industry/ Thermal/ Nuclear/ other specify | : | Mining Open Cast (Limestone) |
| 02 | **Name of the project** | : | Lodhva Limestone Mining Project |
| 03 | **Clearance letter(s) / OM no. and date** | : | J-11015/446/2013-IA.II (M), Dated 26.05.2016 |
| 04 | **Location** | : | |
| | a) District(s) | : | Gir Somnath |
| | b) State(s) | : | Gujarat |
| | c) Latitude | : | 20° 56' - 20° 58' N |
| | d) Longitude | : | 70° 31' – 70° 34' E |
| 05 | **Address for correspondence** | : | |
| | a) Address of concerned Project Chief Engineer (with pin code & telephone / telex / fax numbers). | : | Sh. Devendra Singh Chauhan<br>Head (Environment)<br>Ambuja Cements Ltd.<br>PO Ambujanagar, Taluka : Kodinar, Pin- 362715<br>District: Gir Somnath (Gujarat).<br>Tel: 02795-221137/232009/237403 Fax: 02795-220328/232032 |
| | b) Address of Executive Project Engineer / Manager (with pincode / fax numbers. | : | Sh. Mayur Kumar Galoriya<br>Manager (Mines) ,<br>Ambuja Cements Ltd.<br>PO Ambujanagar, Taluka - Kodinar, Pin- 362715<br>District: Gir Somnath (Gujarat).<br>Tel: 02795-232064 Fax: 02795 - 220328/232032 |
| 06 | **Salient features** | | |
| | a) of the project : | : | Ambuja Cements Ltd. has established cement manufacturing plant at Ambujanagar in Kodinar Taluka of Gir Somnath District. Limestone is the main raw materials for the cement plants, which is being exploited from company's own captive mines i.e. Lodhava Limestone Mine.<br>Lodhva is located at a distance of about 25 kms in NW direction with respect to cement plant. The rated capacity of the limestone at present is 1.50 MTPA. |
| | b) of the environmental management plans | : | ❖ Mining operations would not involve drilling & blasting. Limestone excavation is being carried out by environment friendly Surface Miner supported by ripper dozer.<br>❖ Regular monitoring of environmental parameters is undertaken as per the norms of MoEF and IBM and same will be followed.<br>❖ Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.<br>❖ Dust suppression by water sprinkling on haul roads is being done regularly in working area and same will be continued.<br>❖ Afforestation / Green belt development is being carried out concurrently along haul road, lease periphery and matured area as well as outside lease also (i.e. |

AMBUJA CEMENTS LIMITED

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| | | | surrounding Mines office)<br>❖ Mined-out areas will be converted to pasture land & into water reservoir.<br>❖ Rural Development and Socio-economic activities will be undertaken in the project buffer zone area. |
| 07 | **Break up of the project area.** | | |
| | a) Submergence area (forest & non-forest) | : | Nil |
| | b) Others | : | 505 .6839 ha (Government waste land & Private land) |
| 08 | **Break up of the project affected population** with enumeration of those losing houses / dwelling units only agricultural land only, both dwelling units & agricultural land & landless laborers/ artisan. | : | Project does not require any rehabilitation or evacuation of permanent settlements as 87% of land is in our possession. |
| | a) SC, ST / Adivasis | : | Not applicable |
| | b) Others<br>(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures if a survey is carried out give details & year of survey) | : | Not applicable |
| 09 | **Financial details**<br>a) Project cost as originally planned and subsequent revised estimates and the year of price reference. | : | Project Cost: Rs. 200 Lakhs<br>Limestone raised from the mining lease area will partially supplement the requirements of existing cement units. As it is a captive mine for the Cement Plant, no separate project costing was prepared. |
| | b) Allocation made for environmental management plans with item wise and year wise break-up. | : | Capital investment for environment protection measures - 57.08 Lakhs |

**Expenditure Incurred in Environment Management Plan - Lodhva MINES**

A. Capital Invesstment for Environmental Monitoring:

| S.No | Particulars | Cost (In Lacs) |
|---|---|---|
| 1 | Monitoring Equipments | 37.08 |
| 2 | Environment Laboratory | 10 |
| 3 | Others (Monitoring Van, DG Sets etc.) | 10 |
| | Total (In Lacs INR) | 57.08 |

B. Recurring Expenditure for the period of April'2022 to September'2022

| S.No | Particulars | Cost (In Lacs) |
|---|---|---|
| 1 | Green belt development & Dust suppression | 15.19 |
| 2 | Manpower Cost * | 12.15 |
| 3 | House Keeping | 1.19 |
| 4 | Other Env. Protection (Environmental Monitoring) | 1.57 |
| 5 | Environment Awareness * | 1.43 |
| | Total (In Lacs INR) | 31.53 |

* Expenditures are Common for All the Plants & Mines.

**Ambuja Cement Foundation - Ambujanagar**

**Details for programme wise expenditure for the year April to Sept. 2022**

| Sr. No | Programme | ACF - ACL | *Funds received through Government | ** Funds from other Donors / Donor Agencies | ***People's Contribution | ****Direct Funding to Communities | Total Exp. (Rs. in lakhs) |
|---|---|---|---|---|---|---|---|
| | GUJARAT - Kodinar | | | | | | |
| 1 | Water Resource Mangement & Drinking Water Projects | | | | | | |
| | A.Water Resource Devlopment | 16.34 | 3.69 | | | | 20.03 |
| | B .Drinking Water Programme | 6.09 | | | 3.00 | | 9.09 |
| 2 | Agriculture Development (Drip irrigation, Farm Forestry & Afforesation) | 8.78 | | | 75.16 | 111.97 | 195.91 |
| 3 | BCI | 18.65 | 0.10 | 202.35 | 109.49 | 250.83 | 581.42 |
| 4 | Krishi Vigyan Kendra (KVK) - Agriculture | 4.66 | 85.23 | | | | 89.89 |
| 5 | Health & Sanitation | 8.11 | | | 9.14 | | 17.25 |
| 6 | Education Programme | 3.71 | | | | | 3.71 |
| 7 | Women / Youth Development | 7.71 | | | | | 7.71 |
| 8 | Skill and Enterprunership Development Programme | 25.57 | 28.45 | | 25.18 | | 79.20 |
| 9 | Integrated Community Development Programme | 94.94 | | | | | 94.94 |
| 10 | Co-ordination & Administration Expenses | 42.41 | | | | | 42.41 |
| 11 | Capital Expenditure | | | | | | 0.00 |
| | TOTAL | 236.97 | 117.47 | 202.35 | 221.97 | 362.80 | 1141.56 |

| | | | |
|---|---|---|---|
| | c) Benefit cost (BC) ratio / Internal rate of return (IRR) and the year of assessment. | : | No separate assessment made, as it is an integral part of the raw material source for the cement plants at Ambujanagar. |
| | d) Whether (c) includes the cost of environmental management as shown in the above. | : | Not Applicable |
| | e) Actual expenditure incurred on the project so far. | : | Rs. 30.02 Crores |
| | f) Actual expenditure incurred on the environmental management plans so far. | : | Rs. 1.47 Crores |

AMBUJA CEMENTS LIMITED

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|---|---|---|---|
| 10 | **Forest land requirement.** | : | |
| | a) The status of approval for diversion of forest land for non-forestry use | : | The project area does not comprise of any forest land. Not applicable |
| | b) The status of clearing felling | : | Not applicable. |
| | c) The status of compensatory afforestation (CA), if any | : | Not applicable. |
| | d) Comments on the viability & sustainability of CA (compensatory afforestation) programme in the light of actual field experience so far. | : | Not applicable. |
| 11 | **The status of clear felling in non-forest areas** (such as submergence area or reservoir, approach roads), if any with quantitative information required. | : | The project does not involve felling of trees. |
| 12 | **Status of construction (Actual & or planned)** | | |
| | a) Date of commencement (Actual and / or planned) | : | 01.03.2017 |
| | b) Date of completion (Actual and / or planned). | : | Not applicable. As it is an ongoing captive mining Project for cement plant. (Mines life is approximate 8 to 10 years based on reserves) |
| 13 | Reasons for the delay if the project is yet to start. | : | Not applicable. |
| 14 | Dates of site visits | : | |
| | a) The dates on which the project was monitored by the Regional Office on previous occasions, if any. | : | - |
| | b) Date of site visit for this monitoring report | : | - |
| 15 | Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits). | : | Half yearly compliance status report is being regularly submitted and last submission was on **26.05.2022 vide letter No . ACL/EMD/F-16/2022/2517/90450** |

AMBUJA CEMENTS LIMITED

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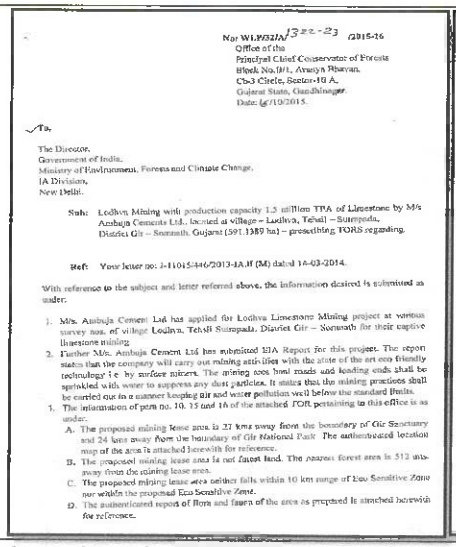
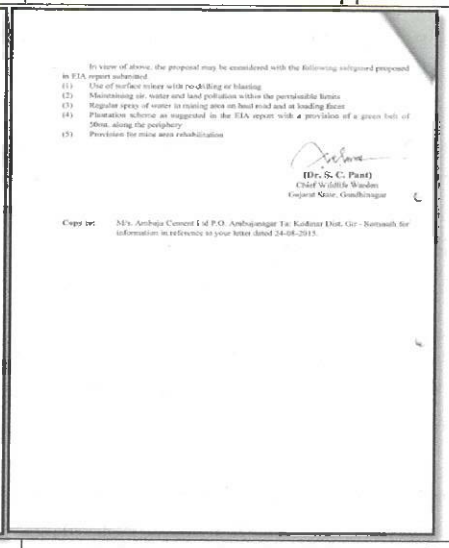
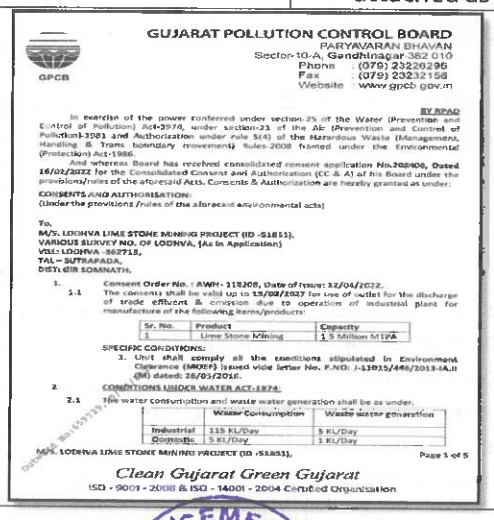
# Compliance Status of Environment Clearance issued to Lodhva Limestone Mines vide MoEF&CC Letter No : J-11015/446/2013-IA.II (M) dated 26th May, 2016

| S No. | Condition | Compliance Status |
|---|---|---|
| **A. Specific Conditions** | | |
| 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. | • We have been approached to PCCF and as per the communication received from PCCF office our ML is 22km away from Gir sanctuary and ML is not in forest land. The ML is neither falling in the range of 10 km of eco sensitive zone nor falling in proposed eco-sensitive zone. Hence this condition is not applicable for this project. |
| |  Nor WLP/GIA/1322-23 /2015-16<br>Office of the<br>Principal Chief Conservator of Forests<br>Block No.10/1, Aranya Bhavan,<br>Ch-3 Circle, Sector-10 A,<br>Gujarat State, Gandhinagar.<br>Date: 6/10/2015.<br>To,<br>The Director,<br>Government of India,<br>Ministry of Environment, Forests and Climate Change,<br>IA Division,<br>New Delhi.<br>Sub: Lodhva Mining with production capacity 1.5 million TPA of Limestone by M/s Ambuja Cements Ltd., located at village – Lodhva, Tehsil – Sutrapada, District Gir – Somnath, Gujarat (591.1389 ha) – prescribing TORS regarding.<br>Ref: Your letter no: J-11015/446/2013-IA.II (M) dated 14-03-2014.<br>With reference to the subject and letter referred above, the information desired is submitted as under:<br>1. M/s. Ambuja Cement Ltd has applied for Lodhva Limestone Mining project at various survey nos. of village Lodhva, Tehsil Sutrapada, District Gir – Somnath for their captive limestone mining.<br>2. Further M/s. Ambuja Cement Ltd has submitted EIA Report for this project. The report states that the company will carry out mining activities with the state of the art eco friendly technology i.e. by surface miners. The mining area haul roads and loading ends shall be sprinkled with water to suppress any dust particles. It states that the mining practices shall be carried out in a manner keeping air and water pollution well below the standard limits.<br>3. The information of para no. 10, 15 and 16 of the attached TOR pertaining to this office is as under:<br>A. The proposed mining lease area is 27 kms away from the boundary of Gir Sanctuary and 24 kms away from the boundary of Gir National Park. The authenticated location map of the area is attached herewith for reference.<br>B. The proposed mining lease area is not forest land. The nearest forest area is 512 mts away from the mining lease area.<br>C. The proposed mining lease area neither falls within 10 km range of Eco Sensitive Zone nor within the proposed Eco Sensitive Zone.<br>D. The authenticated report of flora and fauna of the area as prepared is attached herewith for reference. |  In view of above, the proposal may be considered with the following safeguard proposed in EIA report submitted.<br>(1) Use of surface miner with no drilling or blasting<br>(2) Maintaining air, water and land pollution within the permissible limits<br>(3) Regular spray of water in mining area on haul road and at loading faces<br>(4) Plantation scheme as suggested in the EIA report with a provision of a green belt of 50mts. along the periphery<br>(5) Provision for mine area rehabilitation<br>(Dr. S. C. Pant)<br>Chief Wildlife Warden<br>Gujarat State, Gandhinagar<br>Copy to: M/s. Ambuja Cement Ltd P.O. Ambajanagar Ta: Kodinar Dist. Gir - Somnath for information in reference to your letter dated 24-08-2015. |
| ii | The available technical and personal measures shall be taken to prevent or control the generation, release and dissemination of dust in the workplace. | • Point noted and will be completed. |
| 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. | • 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-118208 date of issue-12/04/2022 & Valid up to 15/02/2027, Copy of Consent to Establish & Consent to Operate (CTE & CTO) is attached as below. |
| |  GUJARAT POLLUTION CONTROL BOARD<br>PARYAVARAN BHAVAN<br>Sector-10-A, Gandhinagar 382 010<br>Phone : (079) 23229296<br>Fax : (079) 23232158<br>Website : www.gpcb.gov.in<br>BY SPAD<br>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 5(4) of the Hazardous Waste (Management, Handling & Trans boundary movement) Rules-2008 framed under the Environmental (Protection) Act-1986.<br>And whereas Board has received consolidated consent application No.208406, Dated 16/02/2022 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:<br>CONSENTS AND AUTHORISATION:<br>(Under the provisions /rules of the aforesaid environmental acts)<br>To,<br>M/S. LODHVA LIME STONE MINING PROJECT (ID -51851).<br>VARIOUS SURVEY NO. OF LODHVA, (As in Application)<br>VILL: LODHVA -362718,<br>TAL – SUTRAPADA,<br>DIST: GIR SOMNATH.<br>1. Consent Order No. : AWH- 118208, Date of Issue: 12/04/2022.<br>1.1 The consents shall be valid up to 15/02/2027 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:<br>Sr. No. \| Product \| Capacity<br>1 \| Lime Stone Mining \| 1.5 Million MTPA<br>SPECIFIC CONDITIONS:<br>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.<br>2. CONDITIONS UNDER WATER ACT-1974:<br>2.1 The water consumption and waste water generation shall be as under.<br>Water Consumption \| Waste water generation<br>Industrial 115 KL/Day \| 5 KL/Day<br>Domestic 5 KL/Day \| 1 KL/Day<br>M/S. LODHVA LIME STONE MINING PROJECT (ID -51851),<br>Page 1 of 5<br>Clean Gujarat Green Gujarat<br>ISO - 9001 - 2008 & ISO - 14001 - 2004 Certified Organisation |

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

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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. | • The ML is 22 km away from boundry Gir Sanctuary hence not falling within 10 km zone from sanctuary. Hence condition is not applicable for this project. No Drilling operation will be carried out during mining activity. |
| v | Wet drilling operation will be practiced to control dust. | • There is no drilling and blasting operation. Mining will be done using eco-friendly, blast free Surface Miner Machine. |
| 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. | • Point noted and shall be complied. |
| vii | No mining activities will be allowed in forest area, if any, for which the Forest Clearance is not available. | • No forest land is within the Mine Lease area. Thus this condition is not applicable to us. |
| viii | The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. | • 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. |
| 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. | • 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. |
| 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 1st and 2nd order streams, emanating or passing through the mine lease during the course of mining operation. | • Natural water course will be not be obstructed by mining activity at any stage. |
| 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. | • A very thin layer of top soil is available. Generated top soil is being stacked separately and systematically in the earmarked site with appropriate measures. Road side bunds are made from poor grade material. Top soil is used for land reclamation plantation and greenbelt development. |
| xii | Appropriate safeguard measures shall be taken to ensure stability and drainage of dump so that no solid waste/debris flows into the nallah. | • Point Noted and will be implemented. |
| 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 | • Point Noted and all components of this condition shall be followed and Compliance status shall be submitted to the MoEF&CC, Bhopal on six monthly basis. **Last submission was on dated 26.05.2022 vide letter no. ACL/EMD/F-16/2022/2517/90450 .** |

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|---|---|---|
| | 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. | |
| 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. | • 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. |
| 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. | • 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. |
| 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. | • **Plantation Done From during 2022-2023 (Till September'2022) is NIL. Total Cumulative plantation till September'2022 is 300 Nos.**<br>• Remaining area will also be covered under plantation as per approved mining plan. Details of greenbelt/reclamation are enclosed as under :<br>• 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.. |

**Greenbelt & Plantation Details**

| Total Lease Area (in ha) | Opened up Area (in Ha) | Plantation Area (in Ha) | Pasture land (in Ha) | Water Catchment Area (in Ha) |
|---|---|---|---|---|
| 505.6839 | 10.0332 | 0.1724 | 0.3738 | 5.8262 |

| | | |
|---|---|---|
| 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. | • Regular water sprinkling through water tanker is in practice at mine lease area and on haul roads to control air borne dust. Ambient air quality parameters are being maintained within norms prescribed by CPCB. **Report is Attached in Point No. (xxxiv)** |

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| | **Regular water sprinkling is being done on haul roads** | |
| 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. | • 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. |
| xix | Appropriate measures shall be taken for treatment of the upper catchment of the mine lease area. | • Point Noted |
| 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. | • Suitable conservation measures shall be implemented to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board. |
| 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. | • **Complied.**<br>• Water quality testing is carried out with the help of MoEF&CC certified third party laboratory as per prescribed schedule. Water levels are being recorded in 10 open wells of buffer zone and 2 piezometers are constructed in mines area core zone.<br>• Data collected is being communicated regularly to CGWA, New Delhi, MoEF&CC Regional office (SEZ) Bhopal, CGWB Regional Director Gandhinagar.<br>• Ground water level & quality monitoring is being done regularly by establishing a network of ground water monitoring stations. Report is submitted to MoEF&CC regional office Bhopal , CGWA , CGWB and GPCB on yearly basis. |
| xxii | The project proponent shall obtain necessary prior permission of the competent authorities for drawl | • No withdrawal of ground water is being done. Water requirement for drinking is being met |

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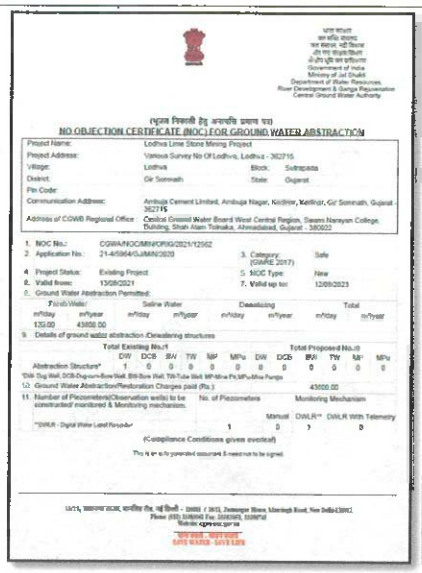
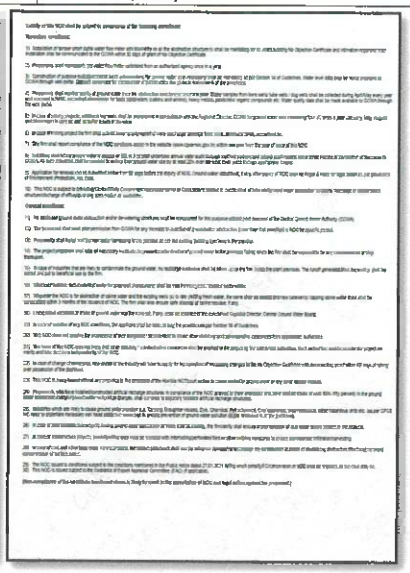
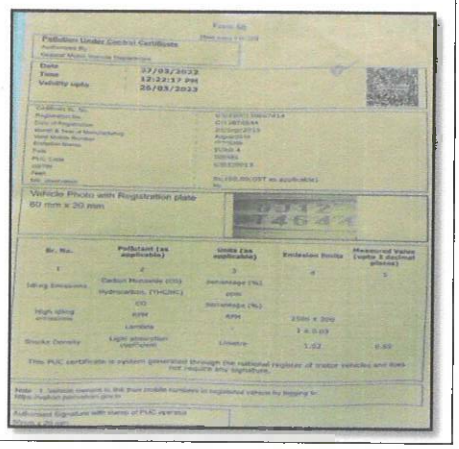
| | of requisite quantity of water, required for the project. | from private purchase. Whereas water requirement for dust suppression and greenbelt development is being met from harvested rain water in mined out pit.<br>• NOC has been granted vide letter No. CGWA/NOC/MIN/ORIG/2021/12562 dtd. 13.08.2021 from CGWA, New Delhi for abstraction of ground water a tune of 120 $m^3$/day. |
| |  <br>NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION<br>  | |
| xxiii | Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with the Regional Director, Central Ground Water board. | • 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. |
| xxiv | Appropriate mitigative measures should be taken to prevent pollution of nearby River in consultation with the State Pollution Control Board. | • These rivers are far off from the project area, State Pollution Control Board will be consulted, if required. |
| 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. | • Vehicular emissions are being checked & monitored regularly. **Detail of P.U.C certificate (Approved by : Gujarat Motor Vehicle Department, Gujarat)** is enclosed as under:  |

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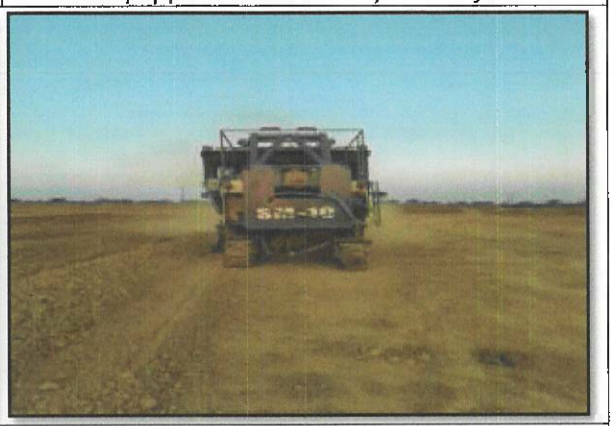
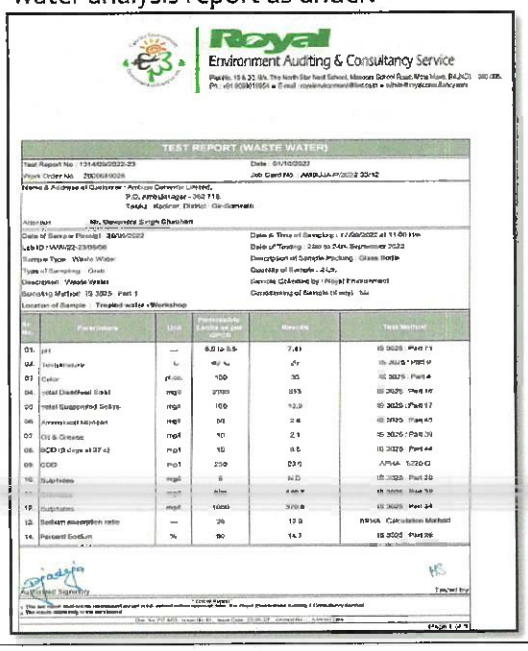
|---|---|---|
| | | • All vehicles used for transportation of raw materials are being covered properly & Not Over loaded. |
| xxvi | Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented. | • Blast free fully mechanized **Surface Miner machine is being used for mining.** |
| xxvii | Drills shall either be operated with dust extractors or equipped with water injection system. | • Fully mechanized Surface Miner machine will be equipped with water injection system. |
| | |  |
| 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. | • There is no mineral handling plant at Mine site. Mineral extracted is being transported to cement plant by tippers/truck tipplers, which is being covered with suitable covering mechanism for prevention of fugitive emission. |
| 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. | • Sewage treatment plant has already been installed & operational at Ambujanagar. No additional colony has been developed at project site. Oil & Grease Trap for workshop of waste water will be provided. Waste water analysis report as under:  |

Royal
Environment Auditing & Consultancy Service

TEST REPORT (WASTE WATER)

Test Report No : 1314/05/2022-23 Date : 01/10/2022
Work Order No : 2022/05/0026 Job Card NO : AMBUJA/F/2022 23/12
Name & Address of Customer : Ambuja Cements Limited, P.O. Ambujanagar - 362 715, Taluka : Kodinar District : Gir-Somnath
Attention : Mr. Devendra Singh Gherlan
Date of Sample Receipt : 26/09/2022 Date & Time of Sampling : 27/09/2022 at 11:00 Hrs
Lab ID : HAW/22-23/05/56 Date of Testing : 28th to 24th September 2022
Sample Type : Waste Water Description of Sample Packing : Glass Bottle
Type of Sampling : Grab Quantity of Sample : 4 Ltr.
Description : Waste Water Sample Collected by : Royal Environment
Sampling Method : IS 3025 : Part 1 Condition of Sample (if any) : Nil
Location of Sample : Treated water Workshop

| Sr. No. | Parameters | Unit | Permissible Limits as per CPCB | Results | Test Method |
|---|---|---|---|---|---|
| 01. | pH | — | 6.0 to 8.5 | 7.41 | IS 3025 : Part 11 |
| 02. | Temperature | °C | 40 °C | 27 | IS 3025 : Part 9 |
| 03. | Color | Pt.Co. | 100 | 35 | IS 3025 : Part 4 |
| 04. | Total Dissolved Solid | mg/l | 2100 | 893 | IS 3025 : Part 16 |
| 05. | Total Suspended Solids | mg/l | 100 | 12.0 | IS 3025 : Part 17 |
| 06. | Ammonical Nitrogen | mg/l | 50 | 2.4 | IS 3025 : Part 42 |
| 07. | Oil & Grease | mg/l | 10 | 2.1 | IS 3025 : Part 39 |
| 08. | BOD (3 days at 27 c) | mg/l | 10 | 8.5 | IS 3025 : Part 44 |
| 09. | COD | mg/l | 250 | 23.0 | APHA 5220-D |
| 10. | Sulphides | mg/l | 5 | N.D. | IS 3025 : Part 29 |
| 11. | [illegible] | mg/l | [illegible] | [illegible] | IS 3025 : Part 59 |
| 12. | Sulphates | mg/l | 1000 | 370.0 | IS 3025 : Part 24 |
| 13. | Sodium absorption ratio | — | 26 | 12.0 | APHA Calculation Method |
| 14. | Percent Sodium | % | 60 | 14.7 | IS 3025 : Part 26 |

Authorised Signatory Tested by

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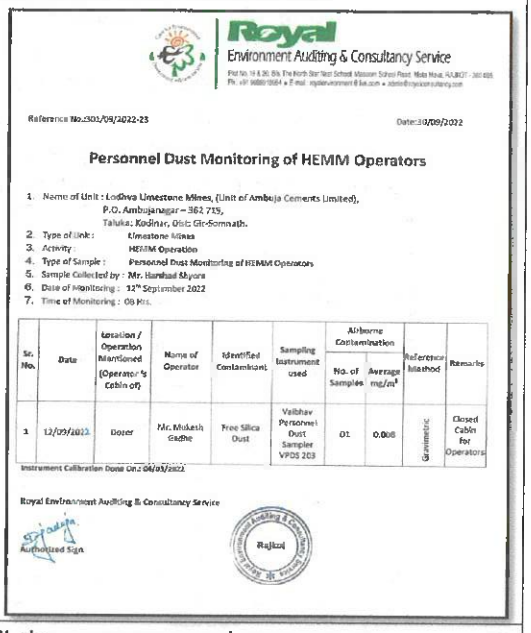
| xxx | Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. | • Pre-placement medical examination 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. |
| 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. | • Regular monitoring of free silica in the dust will be carried out and records shall be maintained.<br>• Dust Masks, Safety Shoes, Safety Goggles & Helmet will be provided to each & every personnel working in the mine area. Periodic Health Checkup will be done for personnel working in the mine area.<br>• Free silica dust Monitoring is carried out regularly on monthly basis, monitoring results are enclosed as under:<br>  <br>Royal<br>Environment Auditing & Consultancy Service<br>Reference No.:301/09/2022-23 Date:30/09/2022<br>**Personnel Dust Monitoring of HEMM Operators**<br>1. Name of Unit : Lodhva Limestone Mines, (Unit of Ambuja Cements Limited), P.O. Ambujanagar – 362 715, Taluka: Kodinar, Dist: Gir-Somnath.<br>2. Type of Unit : Limestone Mines<br>3. Activity : HEMM Operation<br>4. Type of Sample : Personnel Dust Monitoring of HEMM Operators<br>5. Sample Collected by : Mr. Harshad Mysore<br>6. Date of Monitoring : 12th September 2022<br>7. Time of Monitoring : 06 Hrs.<br>Sr. No. \| Date \| Location / Operation Mentioned (Operator's Cabin of) \| Name of Operator \| Identified Contaminant \| Sampling Instrument used \| Airborne Contamination: No. of Samples \| Average mg/m³ \| Reference Method \| Remarks<br>1 \| 12/09/2022 \| Dozer \| Mr. Mukesh Gadhe \| Free Silica Dust \| Vaibhav Personnel Dust Sampler VPDS 203 \| 01 \| 0.008 \| Gravimetric \| Closed Cabin For Operators<br>Instrument Calibration Done On:-04/03/2022<br>Royal Environment Auditing & Consultancy Service<br>Authorized Sign<br>Rajkot |
| 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. | • All the operators and competent person will be resided in our existing colony at Ambujanagar, Kodinar. |
| 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 | • Conservation & 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 & CC Bhopal. |

| | | |
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| | 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. | |
| xxxiv | The critical parameters such as RSPM ( Particulate matter with size less than 10 micron i.e., $PM_{10}$) and $NO_X$ 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 www.envfor.nic.in shall also be referred in this regard for its compliance. | • Air quality monitoring and water quality monitoring is being done regularly and report is submitted to GPCB & MoEF&CC. Results of Air & Water quality monitoring is being uploaded on the website of the company as well as displayed on display board at the project site near mine office. The **Ambient Air Quality monitoring results for the period April'2022 to September'2022 for PM2.5, PM10, SO2, NOx and CO** are enclosed as under : |

**Ambient Air Quality Monitoring Results (April-2022 to September-2022)**

| Month | North Boundary | | | | | Eastern Boundary | | | | | West Boundary | | | | | South Boundary | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO |
| Unit > | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) |
| Apr-22 | 30.6 | 41.6 | 16 | 10.9 | BDL | 31.5 | 44.9 | 15.2 | 12.6 | BDL | 37.4 | 42.6 | 14.3 | 13.5 | BDL | 28.9 | 43.9 | 11.5 | 11.4 | BDL |
| | 36.9 | 41.6 | 11.6 | 16.9 | BDL | 35.4 | 42.5 | 12.5 | 10.7 | BDL | 32.8 | 41.6 | 10.6 | 14.6 | BDL | 31.6 | 40.6 | 9.8 | 12.5 | BDL |
| May-22 | 35.60 | 40.60 | 15.60 | 10.60 | BDL | 32.70 | 42.50 | 11.00 | 9.80 | BDL | 30.60 | 43.80 | 12.40 | 12.60 | BDL | 38.70 | 40.60 | 13.80 | 13.50 | BDL |
| | 28.90 | 41.70 | 10.60 | 17.60 | BDL | 30.60 | 40.60 | 12.60 | 15.80 | BDL | 33.50 | 44.50 | 13.50 | 14.60 | BDL | 34.60 | 38.90 | 14.60 | 13.50 | BDL |
| Jun-22 | 30.60 | 38.60 | 12.50 | 16.50 | BDL | 28.60 | 39.70 | 11.20 | 15.40 | BDL | 27.60 | 35.60 | 10.50 | 14.30 | BDL | 25.30 | 28.90 | 13.60 | 12.50 | BDL |
| | 30.60 | 40.60 | 16.50 | 13.90 | BDL | 32.10 | 42.50 | 12.30 | 11.20 | BDL | 33.80 | 38.10 | 11.40 | 11.00 | BDL | 28.60 | 39.60 | 13.90 | 12.80 | BDL |
| Jul-22 | 28.70 | 32.50 | 16.50 | 13.60 | BDL | 24.60 | 33.60 | 14.20 | 10.80 | BDL | 26.50 | 31.90 | 13.50 | 14.30 | BDL | 21.30 | 32.60 | 11.70 | 12.70 | BDL |
| | 28.40 | 33.60 | 16.90 | 10.30 | BDL | 29.60 | 38.70 | 12.60 | 11.00 | BDL | 26.30 | 39.50 | 13.50 | 16.70 | BDL | 20.50 | 32.60 | 10.30 | 14.30 | BDL |
| Aug-22 | 24.60 | 39.80 | 13.60 | 16.80 | BDL | 26.30 | 33.50 | 18.70 | 12.30 | BDL | 28.90 | 36.40 | 15.60 | 15.70 | BDL | 27.40 | 34.10 | 12.30 | 14.00 | BDL |
| | 25.40 | 30.50 | 13.50 | 13.60 | BDL | 26.30 | 31.60 | 18.70 | 18.70 | BDL | 28.70 | 36.90 | 14.20 | 15.40 | BDL | 29.40 | 38.70 | 16.90 | 16.90 | BDL |
| Sep-22 | 28.60 | 40.30 | 11.50 | 16.30 | BDL | 26.40 | 35.60 | 13.40 | 12.50 | BDL | 29.70 | 33.40 | 15.80 | 14.70 | BDL | 27.10 | 34.60 | 17.40 | 18.90 | BDL |
| | 25.60 | 32.60 | 16.20 | 10.00 | BDL | 24.30 | 33.90 | 13.80 | 16.30 | BDL | 28.70 | 34.50 | 14.70 | 15.40 | BDL | 21.60 | 31.60 | 16.90 | 12.80 | BDL |
| Month | Khera village | | | | | Moradiya village | | | | | Lodhva Village | | | | | Thordi Village | | | | |
| | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO |
| Unit > | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) |
| Apr-22 | 29.7 | 38.7 | 10.6 | 11.9 | BDL | 24.5 | 39.6 | 12.5 | 12.8 | BDL | 32.6 | 37.4 | 15.7 | 14.7 | BDL | 36.1 | 32.6 | 14.9 | 16.3 | BDL |
| | 28.7 | 38.9 | 14.7 | 13.5 | BDL | 29.4 | 37.4 | 16.5 | 14.8 | BDL | 24.6 | 34.6 | 13.8 | 13.8 | BDL | 30.5 | 32.8 | 14.7 | 14.6 | BDL |
| May-22 | 30.10 | 43.50 | 14.70 | 14.50 | BDL | 33.70 | 36.80 | 15.60 | 15.80 | BDL | 28.90 | 39.70 | 11.50 | 17.60 | BDL | 29.40 | 42.50 | 14.30 | 16.50 | BDL |
| | 28.70 | 39.70 | 12.50 | 10.60 | BDL | 27.60 | 37.60 | 16.70 | 9.80 | BDL | 33.80 | 43.60 | 15.40 | 13.50 | BDL | 36.70 | 45.80 | 12.80 | 14.70 | BDL |
| Jun-22 | 28.70 | 39.60 | 14.60 | 16.80 | BDL | 29.60 | 36.50 | 13.50 | 17.60 | BDL | 32.60 | 42.50 | 14.30 | 12.50 | BDL | 30.50 | 40.50 | 16.90 | 12.80 | BDL |
| | 29.10 | 33.50 | 18.70 | 15.60 | BDL | 25.60 | 32.80 | 14.60 | 16.80 | BDL | 30.40 | 34.60 | 12.50 | 10.20 | BDL | 32.60 | 40.70 | 10.40 | 12.90 | BDL |
| Jul-22 | 25.80 | 35.70 | 13.50 | 19.80 | BDL | 29.70 | 29.80 | 17.70 | 17.50 | BDL | 30.50 | 28.70 | 16.30 | 10.70 | BDL | 24.10 | 30.60 | 13.50 | 13.50 | BDL |
| | 22.60 | 34.50 | 12.80 | 13.50 | BDL | 23.80 | 33.30 | 16.70 | 11.20 | BDL | 28.10 | 31.80 | 17.50 | 12.80 | BDL | 29.40 | 38.10 | 15.20 | 16.80 | BDL |
| Aug-22 | 29.70 | 32.10 | 16.20 | 14.00 | BDL | 25.60 | 33.60 | 18.30 | 13.80 | BDL | 25.70 | 32.80 | 14.90 | 15.80 | BDL | 22.70 | 34.20 | 19.50 | 16.20 | BDL |
| | 23.70 | 36.10 | 16.70 | 12.50 | BDL | 23.70 | 33.80 | 14.30 | 11.70 | BDL | 23.70 | 35.70 | 14.20 | 17.90 | BDL | 26.10 | 30.10 | 15.70 | 13.80 | BDL |
| Sep-22 | 23.60 | 31.20 | 16.90 | 14.20 | BDL | 20.50 | 32.80 | 12.50 | 10.30 | BDL | 24.60 | 38.70 | 13.80 | 13.60 | BDL | 26.90 | 39.50 | 17.60 | 19.70 | BDL |
| | 23.50 | 30.50 | 12.30 | 17.40 | BDL | 25.90 | 35.90 | 10.50 | 16.30 | BDL | 24.30 | 37.40 | 13.60 | 12.50 | BDL | 26.80 | 36.90 | 11.40 | 19.80 | BDL |

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| 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. | • Point noted and will be complied. |
| 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. | • Point noted and will be complied. |

AMBUJA CEMENTS LIMITED

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

| B. General Conditions | | |
|---|---|---|
| i | No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest & Climate Change. | • Change in mining technology and scope of working will not be done without prior approval of the Ministry of Environment, Forest & Climate Change. |
| ii | No change in the calendar plan including excavation, quantum of mineral and waste should be made. | • Point noted and will be complied. |
| 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., $PM_{10}$) and $NO_X$ 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. | • Four ambient air quality monitoring (core zone as well as in the buffer zone) locations have been identified as directed and are being monitored as per CPCB/SPCB guidelines. Ambient air quality monitoring reports are enclosed as under: |
| 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. | • Four ambient air quality monitoring (core zone as well as in the buffer zone) locations have been identified as directed and are being monitored as per CPCB/SPCB guidelines. Ambient air quality monitoring reports are enclosed as under:<br>• **Last submission was on dated 26.05.2022 vide letter no. ACL/EMD/F-16/2022/2517/90450 .** |

**Ambient Air Quality Monitoring Results (April-2022 to September-2022)**

| Month | North Boundary | | | | | Eastern Boundary | | | | | West Boundary | | | | | South Boundary | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO |
| Unit > | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) |
| Apr-22 | 30.6 | 41.6 | 16 | 10.9 | BDL | 31.5 | 44.9 | 15.2 | 12.6 | BDL | 37.4 | 42.6 | 14.3 | 13.5 | BDL | 28.9 | 43.9 | 11.5 | 11.4 | BDL |
| | 36.9 | 41.6 | 11.6 | 16.9 | BDL | 35.4 | 42.5 | 12.5 | 10.7 | BDL | 32.8 | 41.6 | 10.6 | 14.6 | BDL | 31.6 | 40.6 | 9.8 | 12.5 | BDL |
| May-22 | 35.60 | 40.60 | 15.60 | 10.60 | BDL | 32.70 | 42.50 | 11.00 | 9.80 | BDL | 30.60 | 43.80 | 12.40 | 12.60 | BDL | 38.70 | 40.60 | 13.80 | 13.50 | BDL |
| | 28.90 | 41.70 | 10.60 | 17.60 | BDL | 30.60 | 40.60 | 12.60 | 15.80 | BDL | 33.50 | 44.50 | 13.50 | 14.60 | BDL | 34.60 | 38.90 | 14.60 | 13.50 | BDL |
| Jun-22 | 30.60 | 38.60 | 12.50 | 16.50 | BDL | 28.60 | 39.70 | 11.20 | 15.40 | BDL | 27.60 | 35.60 | 10.50 | 14.30 | BDL | 25.30 | 28.90 | 13.60 | 12.50 | BDL |
| | 30.60 | 40.60 | 16.50 | 13.90 | BDL | 32.10 | 42.50 | 12.30 | 11.20 | BDL | 33.80 | 38.10 | 11.40 | 11.00 | BDL | 28.60 | 39.60 | 13.90 | 12.80 | BDL |
| Jul-22 | 28.70 | 32.50 | 16.50 | 13.60 | BDL | 24.60 | 33.60 | 14.20 | 10.80 | BDL | 26.50 | 31.90 | 13.50 | 14.30 | BDL | 21.30 | 32.60 | 11.70 | 12.70 | BDL |
| | 28.40 | 33.60 | 16.90 | 10.30 | BDL | 29.60 | 38.70 | 12.60 | 11.00 | BDL | 26.30 | 39.50 | 13.50 | 16.70 | BDL | 20.50 | 32.60 | 10.30 | 14.30 | BDL |
| Aug-22 | 24.60 | 39.80 | 13.60 | 16.80 | BDL | 26.30 | 33.50 | 18.70 | 12.30 | BDL | 28.90 | 36.40 | 15.60 | 15.70 | BDL | 27.40 | 34.10 | 12.30 | 14.00 | BDL |
| | 25.40 | 30.50 | 13.50 | 13.60 | BDL | 26.30 | 31.60 | 18.70 | 18.70 | BDL | 28.70 | 36.90 | 14.20 | 15.40 | BDL | 29.40 | 38.70 | 16.90 | 16.90 | BDL |
| Sep-22 | 28.60 | 40.30 | 11.50 | 16.30 | BDL | 26.40 | 35.60 | 13.40 | 12.50 | BDL | 29.70 | 33.40 | 15.80 | 14.70 | BDL | 27.10 | 34.60 | 17.40 | 18.90 | BDL |
| | 25.60 | 32.60 | 16.20 | 10.00 | BDL | 24.30 | 33.90 | 13.80 | 16.30 | BDL | 28.70 | 34.50 | 14.70 | 15.40 | BDL | 21.60 | 31.60 | 16.90 | 12.80 | BDL |

| Month | Khera village | | | | | Moradiya village | | | | | Lodhva Village | | | | | Thordi Village | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO | PM2.5 | PM10 | SO2 | NOx | CO |
| Unit > | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (µg/m3) | (mg/m3) |
| Apr-22 | 29.7 | 38.7 | 10.6 | 11.9 | BDL | 24.5 | 39.6 | 12.5 | 12.8 | BDL | 32.6 | 37.4 | 15.7 | 14.7 | BDL | 36.1 | 32.6 | 14.9 | 16.3 | BDL |
| | 28.7 | 38.9 | 14.7 | 13.5 | BDL | 29.4 | 37.4 | 16.5 | 14.8 | BDL | 24.6 | 34.6 | 13.8 | 13.8 | BDL | 30.5 | 32.8 | 14.7 | 14.6 | BDL |
| May-22 | 30.10 | 43.50 | 14.70 | 14.50 | BDL | 33.70 | 36.80 | 15.60 | 15.80 | BDL | 28.90 | 39.70 | 11.50 | 17.60 | BDL | 29.40 | 42.50 | 14.30 | 16.50 | BDL |
| | 28.70 | 39.70 | 12.50 | 10.60 | BDL | 27.60 | 37.60 | 16.70 | 9.80 | BDL | 33.80 | 43.60 | 15.40 | 13.50 | BDL | 36.70 | 45.80 | 12.80 | 14.70 | BDL |
| Jun-22 | 28.70 | 39.60 | 14.60 | 16.80 | BDL | 29.60 | 36.50 | 13.50 | 17.60 | BDL | 32.60 | 42.50 | 14.30 | 12.50 | BDL | 30.50 | 40.50 | 16.90 | 12.80 | BDL |
| | 29.10 | 33.50 | 18.70 | 15.60 | BDL | 25.60 | 32.80 | 14.60 | 16.80 | BDL | 30.40 | 34.60 | 12.50 | 10.20 | BDL | 32.60 | 40.70 | 10.40 | 12.90 | BDL |
| Jul-22 | 25.80 | 35.70 | 13.50 | 19.80 | BDL | 29.70 | 29.80 | 17.70 | 17.50 | BDL | 30.50 | 28.70 | 16.30 | 10.70 | BDL | 24.10 | 30.60 | 13.50 | 13.50 | BDL |
| | 22.60 | 34.50 | 12.80 | 13.50 | BDL | 23.80 | 33.30 | 16.70 | 11.20 | BDL | 28.10 | 31.80 | 17.50 | 12.80 | BDL | 29.40 | 38.10 | 15.20 | 16.80 | BDL |
| Aug-22 | 29.70 | 32.10 | 16.20 | 14.00 | BDL | 25.60 | 33.60 | 18.30 | 13.80 | BDL | 25.70 | 32.80 | 14.90 | 15.80 | BDL | 22.70 | 34.20 | 19.50 | 16.20 | BDL |
| | 23.70 | 36.10 | 16.70 | 12.50 | BDL | 23.70 | 33.80 | 14.30 | 11.70 | BDL | 23.70 | 35.70 | 14.20 | 17.90 | BDL | 26.10 | 30.10 | 15.70 | 13.80 | BDL |
| Sep-22 | 23.60 | 31.20 | 16.90 | 14.20 | BDL | 20.50 | 32.80 | 12.50 | 10.30 | BDL | 24.60 | 38.70 | 13.80 | 13.60 | BDL | 26.90 | 39.50 | 17.60 | 19.70 | BDL |
| | 23.50 | 30.50 | 12.30 | 17.40 | BDL | 25.90 | 35.90 | 10.50 | 16.30 | BDL | 24.30 | 37.40 | 13.60 | 12.50 | BDL | 26.80 | 36.90 | 11.40 | 19.80 | BDL |

AMBUJA CEMENTS LIMITED

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

| | | |
|---|---|---|
| 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. | • 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 supress the fugitive dust. monitoring results are enclosed as under : |

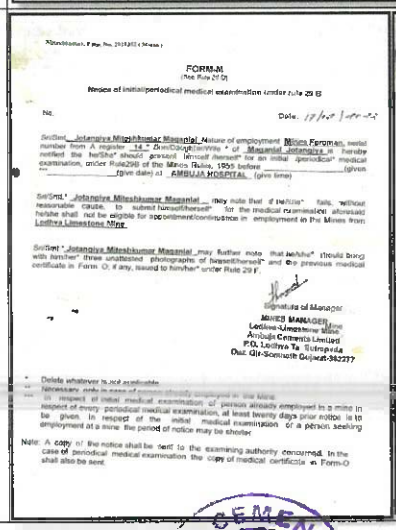
**Fugitive Emission Monitoring - (April-2022 to September-2022)**

| Month | Haulage Road | Nr. Loading Area | Working Pit Area |
|---|---|---|---|
| | SPM ( µg/m3 ) | SPM ( µg/m3 ) | SPM ( µg/m3 ) |
| Apr-22 | 1321 | 1986 | 2154 |
| May-22 | 1346 | 1480 | 1576 |
| Jun-22 | 1429 | 1187 | 1694 |
| Jul-22 | 1389 | 1427 | 1607 |
| Aug-22 | 1240 | 1508 | 1694 |
| Sep-22 | 1247 | 1188 | 1494 |

| | | |
|---|---|---|
| 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. | • Dust Masks, Safety Shoes, Safety Goggles & Helmet will be provided to each & every personnel working in the mine area. Periodic Health Checkup will be done for personnel working in the mine area.<br>• Work area monitoring for air borne dust is carried out regularly on monthly basis, monitoring results are enclosed as under: |

**Air Borne Dust Survey (April-2022 to September-2022)**

| Machine : Surface Miner | | | | Machine :Dozer | | | | Machine Loader | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Period | Location | RSPM (mg/m3) | Date | Period | Location | RSPM (mg/m3) | Date | Period | Location | RSPM (mg/m3) |
| 04-Apr-22 | 14:00 - 22:00 | Inside Cabin | 0.36 | 05-Apr-22 | 14:00 - 22:00 | Inside Cabin | 0.41 | 06-Apr-22 | 14:00 - 22:00 | Inside Cabin | 0.38 |
| 12-May-22 | 06:00 - 14:00 | | 0.39 | 13-May-22 | 06:00 - 14:00 | | 0.31 | 14-May-22 | 06:00 - 14:00 | | 0.34 |
| 08-Jun-22 | 14:00 - 22:00 | | 0.34 | 09-Jun-22 | 14:00 - 22:00 | | 0.37 | 10-Jun-22 | 14:00 - 22:00 | | 0.32 |
| 04-Jul-22 | 06:00 - 14:00 | | 0.4 | 05-Jul-22 | 06:00 - 14:00 | | 0.43 | 06-Jul-22 | 06:00 - 14:00 | | 0.41 |
| 09-Aug-22 | 14:00 - 22:00 | | 0.39 | 10-Aug-22 | 14:00 - 22:00 | | 0..41 | 11-Aug-22 | 14:00 - 22:00 | | 0.40 |
| 19-Sep-22 | 06:00 - 14:00 | | 0.37 | 20-Sep-22 | 06:00 - 14:00 | | 0.39 | 21-Sep-22 | 06:00 - 14:00 | | 0.41 |



FORM-M
(See Rule 29 B)
Notice of initial/periodical medical examination under rule 29 B

No. Date. 17/10/22

Sri/Smt. Jotangiya Miteshkumar Maganiyal Nature of employment Mines Foreman, serial number from A register 14 * Son/Daughter/Wife * of Maganiyal Jotangiya is hereby notified the he/she* should present himself/herself for an initial periodical* medical examination, under Rule29B of the Mines Rules, 1955 before _____(given date) at AMBUJA HOSPITAL (give time)

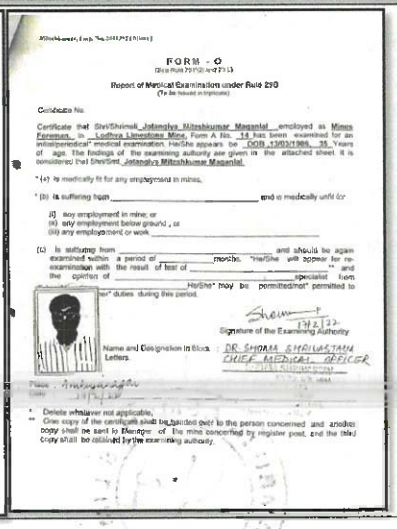
Sri/Smt.* Jotangiya Miteshkumar Maganiyal may note that if he/she* fails, without reasonable cause, to submit himself/herself* for the medical examination aforesaid he/she shall not be eligible for appointment/continuance in employment in the Mines from Lodhva Limestone Mine.

Sri/Smt.* Jotangiya Miteshkumar Maganiyal may further note that he/she* should bring with him/her* three unattested photographs of himself/herself* and the previous medical certificate in Form O, if any, issued to him/her* under Rule 29 F.

Signature of Manager
MINES MANAGER
Lodhva Limestone Mine
Ambuja Cements Limited
P.O. Lodhva Ta. Sutrapada
Dist. Gir-Somnath Gujarat-362277

* Delete whatever is not applicable.
** Necessary only in case of persons already employed in the Mine.
In respect of initial medical examination of person already employed in a mine in respect of every periodical medical examination, at least twenty days prior notice is to be given. In respect of the initial medical examination of a person seeking employment at a mine the period of notice may be shorter.

Note: A copy of the notice shall be sent to the examining authority concerned. In the case of periodical medical examination the copy of medical certificate in Form-O shall also be sent.



FORM - O
(See Rule 29 (2) (a) (iii))
Report of Medical Examination under Rule 29D
(To be issued in triplicate)

Certificate No.

Certificate that Sri/Shrimati Jotangiya Miteshkumar Maganiyal employed as Mines Foreman in Lodhva Limestone Mine, Form A No. 14 has been examined for an initial/periodical medical examination. He/She appears be DOB 13/03/1986, 35 Years of age. The findings of the examining authority are given in the attached sheet. It is considered that Sri/Smt. Jotangiya Miteshkumar Maganiyal

* (a) is medically fit for any employment in mines.
* (b) is suffering from _____ and is medically unfit for
(i) any employment in mine; or
(ii) any employment below ground ; or
(iii) any employment or work _____
(c) is suffering from _____ and should be again examined within a period of _____ months. "He/She will appear for re-examination with the result of test of _____" and the opinion of _____ specialist from _____ "He/She" may be permitted/not permitted to _____ duties during this period.

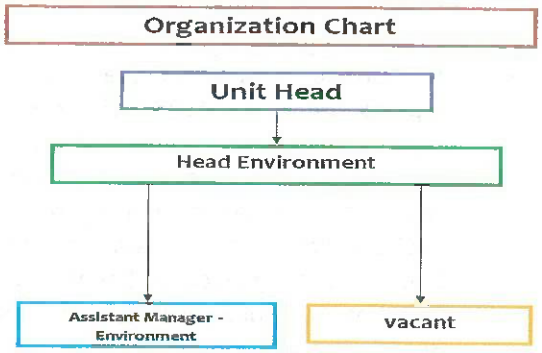
Signature of the Examining Authority
DR. SHARA SHRIVASTAVA
CHIEF MEDICAL OFFICER

Name and Designation in Block Letters.

* Delete whatever not applicable.
** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to Manager of the mine concerned by register post, and the third copy shall be retained by the examining authority.

Daily Tool Box Talk at Workplace

AMBUJA CEMENTS LIMITED

| | | |
|---|---|---|
| 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. | • Occupational health surveillance program of the workers will be undertaken periodically by our Occupational health center. |
| 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. | • 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:**   |
| 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. | • Details of capital and recurring expenditure for environmental protection measures are enclosed as under : |

**Expenditure incurred in Environment Management Plan - Lodhva MINES**

**A. Capital Investment for Environmental Monitoring :**

| S.No | Particulars | Cost (In Lacs) |
|---|---|---|
| 1 | Monitoring Equipments | 37.08 |
| 2 | Environment Laboratory | 10 |
| 3 | Others (Monitoring Van, DG Sets etc.) | 10 |
| | Total (In Lacs INR) | 57.08 |

**B. Recurring Expenditure for the period of April'2022 to September'2022**

| S.No | Particulars | Cost (In Lacs) |
|---|---|---|
| 1 | Green belt development & Dust suppression | 15.19 |
| 2 | Manpower Cost * | 12.15 |
| 3 | House Keeping | 1.19 |
| 4 | Other Env. Protection (Environmental Monitoring) | 1.57 |
| 5 | Environment Awareness * | 1.43 |
| | Total (In Lacs INR) | 31.53 |

* Expenditures are Common for All the Plants & Mines.

**Ambuja Cement Foundation - Ambujanagar**

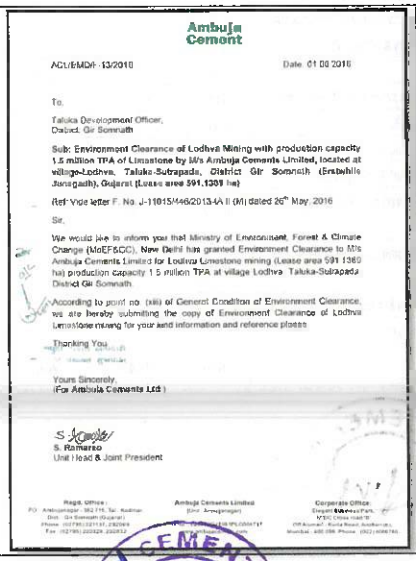
**Details for programme wise expenditure for the year April to Sept. 2022**

| Sr. No | Programme | ACF - ACL | *Funds received through Government | ** Funds from other Donors / Donor Agencies | ***People's Contribution | ****Direct Funding to Communities | Total Exp. (Rs. In lakhs) |
|---|---|---|---|---|---|---|---|
| | GUJARAT - Kodinar | | | | | | |
| 1 | Water Resource Mangement & Drinking Water Projects | | | | | | |
| | A.Water Resource Devlopment | 16.34 | 3.69 | | | | 20.03 |
| | B .Drinking Water Programme | 6.09 | | | 3.00 | | 9.09 |
| 2 | Agriculture Development (Drip irrigation, Farm Forestry & Afforesation) | 8.78 | | | 75.16 | 111.97 | 195.91 |
| 3 | BCI | 18.65 | 0.10 | 202.35 | 109.49 | 250.83 | 581.42 |
| 4 | Krishi Vigyan Kendra (KVK) - Agriculture | 4.66 | 85.23 | | | | 89.89 |
| 5 | Health & Sanitation | 8.11 | | | 9.14 | | 17.25 |
| 6 | Education Programme | 3.71 | | | | | 3.71 |
| 7 | Women / Youth Development | 7.71 | | | | | 7.71 |
| 8 | Skill and Enterprunership Development Programme | 25.57 | 28.45 | | 25.18 | | 79.20 |
| 9 | Integrated Community Development Programme | 94.94 | | | | | 94.94 |
| 10 | Co-ordination & Administration Expenses | 42.41 | | | | | 42.41 |
| 11 | Capital Expenditure | | | | | | 0.00 |
| | TOTAL | 236.97 | 117.47 | 202.35 | 221.97 | 362.80 | 1141.56 |

AMBUJA CEMENTS LIMITED

## Compliance Status of Environment Clearance issued to Lodhva Limestone Mines vide MoEF&CC 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. | Regular six monthly environmental clearance compliance reports are being submitted to MoEF&CC. Last submission was on **dated 26.05.2022 vide letter no. ACL/EMD/F-16/2022/2517/90450 .** |
| 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. | • Point noted and will be complied.<br>• Full support and co-operation is being extended during the visit of officers from Ministry of Environment & Forest, CPCB as well as GPCB. |
| 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. | • Regular Half yearly compliance status report is being regularly submitted and last submission was on **dated 26.05.2022 vide letter no. ACL/EMD/F-16/2022/2517/90450.** |
| 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. | • **Complied**<br>• A copy of clearance letter has been sent to Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body vide our letter nos. **ACL/EMD/F -13/2016/580, Dated 01.06.2016.** |



Ambuja Cement

ACL/EMD/F-13/2016 Date: 01.06.2016

To,

Taluka Development Officer,
Distrct. Gir Somnath

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 591.1369 ha)

Ref: Vide letter F. No. J-11015/446/2013-IA II (M) dated 26th 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 591.1369 ha) production capacity 1.5 million TPA at village Lodhva, Taluka-Sutrapada, District Gir Somnath.

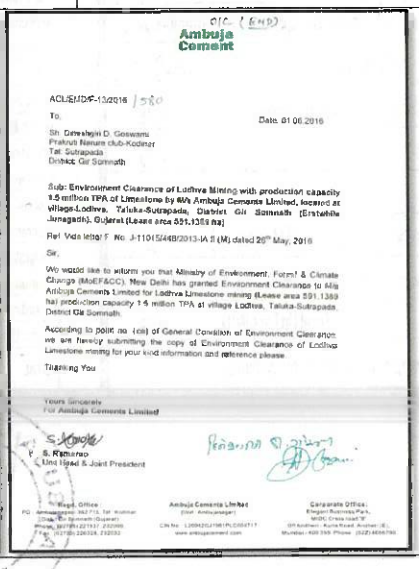
According to point no. (xiii) of General Condition of Environment Clearance, we are hereby submitting the copy of Environment Clearance of Lodhva Limestone mining for your kind information and reference please.

Thanking You

Yours Sincerely,
(For Ambuja Cements Ltd.)

S. Ramarao
Unit Head & Joint President

Regd. Office: Ambuja Cements Limited Corporate Office:



O/C. (EMD)

Ambuja Cement

ACL/EMD/F-13/2016 / 580

To,

Date: 01.06.2016

Sh. Dineshgiri D. Goswami
Prakruti Nature club-Kodinar
Tal. Sutrapada
District Gir Somnath

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 591.1369 ha)

Ref: Vide letter F. No. J-11015/446/2013-IA II (M) dated 26th 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 591.1369 ha) production capacity 1.5 million TPA at village Lodhva, Taluka-Sutrapada, District Gir Somnath.

According to point no. (xiii) of General Condition of Environment Clearance we are hereby submitting the copy of Environment Clearance of Lodhva Limestone mining for your kind information and reference please.

Thanking You

Yours Sincerely
For Ambuja Cements Limited

S. Ramarao
Unit Head & Joint President

Regd. Office: Ambuja Cements Limited Corporate Office:

AMBUJA CEMENTS LIMITED

| | | |
|---|---|---|
| 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. | • **Complied**<br>• This is in purview of GPCB and we have also informed to GPCB (Ro-Office) , District development officer, District Collector and District Industry Center **ACL/EMD/F-13/2016/580 dated 01.06.2016**. |

**Ambuja Cement**

ACL/EMD/F-13/2016 Date: 01.06.2016

To,

District Collector
District: Gir Somnath

**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 26th 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.

According to point no. (xiii) of General Condition of Environment Clearance, we are hereby submitting the copy of Environment Clearance of Lodhva Limestone mining 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 - 362 715, Tal: Kodinar, Dist: Gir Somnath (Gujarat) Phone: (02795) 221137, 232006, Fax: (02795) 220328, 232032

Ambuja Cements Limited (Unit: Ambujanagar) CIN No.: L26942GJ1981PLC004717 www.ambujacement.com

Corporate Office: Elegant Business Park, MIDC Cross road 'B' Off Andheri - Kurla Road, Andheri (E), Mumbai - 400 059. Phone: (022) 4066 7500

**Ambuja Cement**

ACL/EMD/F-13/2016 | 580 Date: 01.06.2016

To,

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

**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 26th 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.

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.)

Received Copy
Gujarat Pollution Control Board
Junagadh 03 JUN 2016

S. Ramarao
Unit Head & Joint President

Regd. Office: PO: Ambujanagar - 362 715, Tal: Kodinar, Dist: Gir Somnath (Gujarat) Phone: (02795) 221137, 232006, Fax: (02795) 220328, 232032

Ambuja Cements Limited (Unit: Ambujanagar) CIN No.: L26942GJ1981PLC004717 www.ambujacement.com

Corporate Office: Elegant Business Park, MIDC Cross road 'B' Off Andheri - Kurla Road, Andheri (E), Mumbai - 400 059. Phone: (022) 4066 7500

| | | |
|---|---|---|
| xv | 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 clearance conditions and shall also sent to the Regional Office of Ministry of Environment and Forests, Bhopal by e-mail. | • Environmental statement is being Submitted to concern authority for each financial year and this year submission was on **07.07.2022** vide letter no. **ACL/EMD/F-22/2022/2600/60677** |

**Ambuja Cement**

60677

ACL/EMD/F22/2022/2600 07.07.2022

To
Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector-10A,
Gandhinagar – 382010

Sub.: Environmental Statement (Form-V) of Lodhva Limestone Mines (Unit of Ambuja Cements Ltd.) for the year 2021-22.

Dear Sir,

This has reference to Rule 14 of Environment Protection Rules, 1986. We are submitting herewith Environmental Statement in prescribed Form-V of Lodhva Limestone Mines (Unit of Ambuja Cements Ltd.) for the financial year from April 2021 to March 2022.

Kindly acknowledge receipt for the same.

Thanking You,

Yours truly,
For Ambuja Cements Ltd.

Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

Devendra Singh Chauhan
Head - Environment

Encl.: Form V with Annexure.

Cc: The Regional Officer, Gujarat Pollution Control Board,
Opp. Saint Anne's Church, Station Road, Junagadh.

Regd. Office: PO: Ambujanagar - 362 715, Tal: Kodinar, Dist: Gir Somnath (Gujarat) Phone: (02795) 221137, 232006, Fax: (02795) 220328

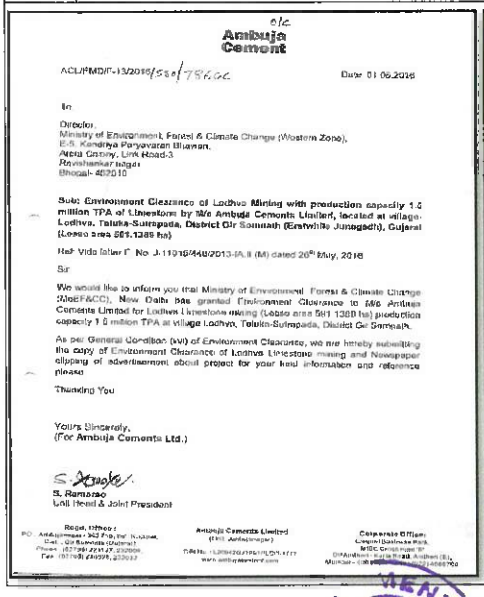
Ambuja Cements Limited (Unit: Ambujanagar) CIN No.: L26942GJ1981PLC004717 www.ambujacement.com

Corporate Office: Elegant Business Park, MIDC Cross Road 'B' Off Andheri - Kurla Road, Andheri (E) Mumbai - 400 059. Phone: (022) 4066 7500

AMBUJA CEMENTS LIMITED

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

| | | |
|---|---|---|
| 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 http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhopal. | • **Complied**<br>• Advertisement was published in two local news papers. Copy is pasted as under (a).<br>• Copy of advertisement has been submitted to MoEF&CC on **01.06.2016** vide letter no. **ACL/EMD/F-13/2016/580/78600.** Copy is pasted as under (b). |



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- 462010

**Sub: Environment Clearance of Lodhva Mining with production capacity 1.0 million TPA of Limestone by M/s Ambuja Cements Limited, located at village-Lodhva, Taluka-Sutrapada, District Gir Somnath (Erstwhile Junagadh), Gujarat (Lease area 561.1388 ha)**

Ref: Vide letter F. No. J-11015/446/2013-IA.II (M) dated 26th 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 561.1388 ha) production capacity 1.0 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

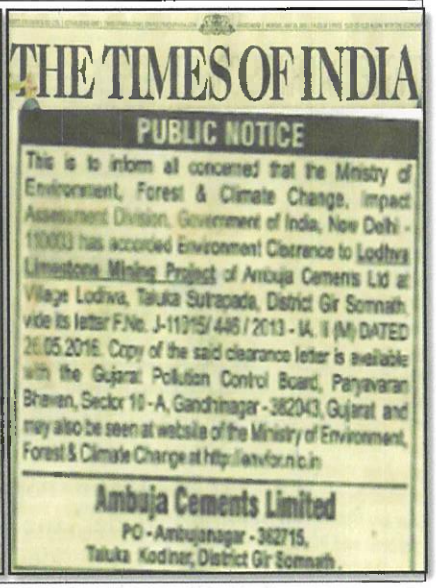
Regd. Office: PO - Ambujanagar - 362 715, Dist. - Gir Somnath (Gujarat) Phone : (02799) 221117, 232006 Fax : (02799) 232021, 232012

Ambuja Cements Limited (Unit: Ambujanagar) Website : www.ambujacement.com

Corporate Office: Elegant Business Park, MIDC Cross Road 'B', Off Andheri - Kurla Road, Andheri (E), Mumbai - 400 059 Phone : +91 22 6691 7800

જાહેર સૂચના

અંબુજા સિમેન્ટ લીમીટેડ



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 Bhawan, 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.

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