



Ref.: ACL/LCW PLANT/Environment/EC/MOEFCC/11-22/26

Date: 21.11.2022

To

The Deputy Director General of Forests (C),
Ministry of Environment, Forest & Climate Change,
Regional Office West Zone, E-5 Kendriya Paryavaran Bhavan,
Arera Colony, Link Road -3, Ravi Shankar Nagar,
Bhopal – 462 016 (Madhya Pradesh)

Sub: Six monthly compliance status report of Environment Clearances of Clinkerization Plant (10MMTPA), Cement Plant (10MMTPA), Captive Power Plant (99MW Capacity) and Conveyor Corridor (8.09km) at Village Maldo, Mudhvay, Koriyani and Kapurasi, Taluka Lakhpat, District Kutch (Gujarat) of Adani Cementation Limited

Ref: Environmental Clearance vide F.No.: J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

With reference to above subject, please find enclosed herewith six-monthly Environment Clearance (EC) compliance status of Clinkerization Plant (10MMTPA), Cement Plant (10MMTPA), Captive Power Plant (99MW Capacity) and Conveyor Corridor (8.09km) at Village Maldo, Mudhvay, Koriyani and Kapurasi, Taluka Lakhpat, District Kutch (Gujarat) of Adani Cementation Limited for the period of **April 2022 to September 2022**.

Financial closure of the project is awaited. Proposed project is yet to be started.
This is for your kind information and record.

Thanking You,

Yours faithfully
For, Adani Cementation Limited

(Sanjay Prasad)
Head Environment

Encl.: 1. Compliance status of Environment Clearance
2. Copy of Environment Clearance

CC to:

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

The Member Secretary
Central Pollution Control Board
Parivesh Bhawan, East Arjun Nagar,
Delhi-110032

The Regional Officer
Gujarat Pollution Control Board
Katira Commerical Complex-1,
Nr.Manglam 4 Rasta,Sanskar Nagar,
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SIX MONTHLY COMPLIANCE REPORT OF

ENVIRONMENTAL CLEARANCE

**CLINKERIZATION PLANT (10MMTPA), CEMENT PLANT
(10MMTPA), CAPTIVE POWER PLANT (99MW CAPACITY) AND
CONVEYOR CORRIDOR (8.09KM)**

At

**VILLAGE MALDO, MUDHVAY, KORİYANI AND KAPURASI,
TALUKA LAKHPAT, DISTRICT KUTCH, GUJARAT**

Submitted to:

Central Regional Office

Ministry of Environment, Forests & Climate Change - Bhopal

Central Pollution Control Board, New Delhi &

Gujarat State Pollution Control Board, Gandhinagar

Submitted By:



Adani Cementation Limited

**Adani Corporate House, Shantigram, S G Highway,
Near Vaishnodevi Corcle, Ahmedabad, Gujarat 382421**

PERIOD: April, 2022 – September, 2022

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Introduction

Adani Cementation Limited (ACL), is subsidiary of Adani Enterprises Limited, proposed to establish an Integrated project as "Lakhpat Cement Works" consists of 'Clinkerization/Cement Plant (10MMTPA production capacity), Captive Power Plant CPP (99MW capacity), Mudhvay Limestone Mine (12MMTPA production capacity), Conveyor Corridor (12km), Berthing Jetty (19MMTPA Material Handling Capacity) and Desalination Plant (9000KLD production capacity) with Port Backup Facilities at village Maldo, Mudhvay, Koriyani and Kapurasi in Taluka Lakhpat, District Kutch (Gujarat).

ACL has granted Environmental Clearances (EC) from Ministry of Environment, Forest & Climate Change (MOEFCC) to Clinkerization/Cement Plant, CPP as well as Conveyor Corridor vide F.No.: J-11011/494/2017-IA.II(I) dated 12.05.2020 **(Enclosure-2)** and Mudhvay Limestone Mine vide F.No.: J-11015/121/2007-IA.II(M), dated 30th July, 2020. Environment Clearance of Berthing Jetty and Desalination Plant is under process.

Gujarat Pollution Control Board (GPCB) has issued Consent to Establish (CTE) after receiving TOR for Environment Clearance (EC) vide GPCB/ (PCB ID, - 69493) dated 20.02.2019 to Integrated project as 'Lakhpat Cement Works' proposed by ACL.

Construction and development of project will be started after grant of Environment Clearance of 'Berthing Jetty and Desalination Plant' as third component of project related CRZ clearance and financial closure of the integrated project.

Point wise six-monthly compliance status of Environmental Clearance under 'Industry-1' project category for above mentioned 'Clinkerization / Cement Plant, Captive Power Plant and Conveyor Corridor' for the period from "April, 2022 to September, 2022" is furnished herewith.

**SIX MONTHLY COMPLIANCE STATUS OF ENVIRONMENTAL CLEARANCE (EC)
FOR PROPOSED GREEN FIELD INTEGRATED PROJECT**

CLINKERIZATION PLANT (10MMTPA), CEMENT PLANT (10MMTPA), CAPTIVE POWER PLANT CPP (99MW CAPACITY) AND CONVEYOR CORRIDOR (8.09KM) AT VILLAGE MALDO, MUDHVAY, KORIYANI AND KAPURASI, TALUKA LAKHPAT, DISTRICT KUTCH (GUJARAT) OF ADANI CEMENTATION LIMITED ISSUED BY MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE VIDE F. NO. J-11011/494/2017-IA.II(I) DATED 12.05.2020

Specific Condition (As per Para 25 of EC)		
i.	No ground water abstraction is permitted. The water requirement shall be met by desalination of sea water	<ul style="list-style-type: none"> • Noted and compliance assured
ii.	Rain water harvesting plan shall be prepared considering all the parameters like rainfall, percolation, runoff etc. in the plant site and in the study area for water use by the community, and the same shall be implemented. Compliance report thereof shall be submitted to the Regional office of this Ministry	<ul style="list-style-type: none"> • Noted and compliance assured
iii.	Approved Wildlife Conservation Plan shall be implemented, monitored and reported to the Regional Office in the six monthly compliance report	<ul style="list-style-type: none"> • Noted and compliance assured • Approved Wildlife Conservation Plan will be implemented, monitored & reported to the Regional Office with project execution and after financial closure
iv.	Total greenbelt/plantation in and around the project boundary shall not be less than 63.9ha. Plantation is to be completed in three years and maintained properly. Extensive greenery by raising avenue plantation and by planting barren areas, etc. shall be developed in the vicinity of the plant to prevent air borne dust pollution	<ul style="list-style-type: none"> • Noted and compliance assured • Greenbelt / Plantation will be started along with execution of project
v.	An amount of Rs. 46Cr. earmarked for CER shall be implemented within four years	<ul style="list-style-type: none"> • Noted • Detailed year wise action plan for implementation of CER is enclosed as (Attachment - 3) • Earmarked amount for CER

		will be implemented within four years from the date of project execution.
vi.	Approved R&R plan shall be implemented and progress of the same shall be submitted to MOEFCC till the entire plan is implemented	• Noted and compliance assured
vii.	Locals shall be trained and thereafter employed in the plant. The employment of local work force shall be in compliance with the state government regulations	• Noted
viii.	Top soil shall be conserved for landscaping and greenbelt development	• Noted
ix.	Specific power consumption shall not be exceed 58kwh/t for Clinker and 30kwh/t of Cement production	• Noted
x.	Four Continuous Ambient Air Quality Monitoring Stations (CAAQMS) shall be installed to monitor the Ambient Air Quality in and around the plant in consultation with SPCB	• Noted
xi.	Particulate emission from Stacks shall be maintained at less than 30mg/NM ³	• Noted
xii.	Alternate fuel shall be used in the plant and emission norms shall be complied with for use of alternate fuels as required in accordance with Notification of this Ministry vide SO 3518(E) dated 23.11.2016	• Noted
xiii.	Besides paving of roads inside the plant, individual vacuum cleaners shall be deployed to prevent air borne dust pollution	• Noted
xiv.	Plant shall achieve Zero liquid discharge	• Noted
xv.	Care shall be taken to restrict cutting of trees to the minimum. For every tree cut, minimum of 10 trees or the number as required by the state policy, which ever more shall be planted	• Noted
I.	Statutory Compliance (As per Para 26 of EC)	
i.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in Case of the diversion of forest land and non-forest purpose involved in the project.	<ul style="list-style-type: none"> • Stage – I Forest Clearance has been obtained for diversion of 2.6564ha forest land (Annexure -1) • Stage –II Forest Clearance is under process.

ii.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	<ul style="list-style-type: none"> • Not Applicable
iii.	The project proponent shall prepare a site-specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved site-specific Conservation Plan/ Wildlife Management Plan shall be implemented in consultation with State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.	<ul style="list-style-type: none"> • Noted and compliance assured • Site specific Conservation Plan & Wildlife Management Plan for integrated project (Cement Plant & Mudhway Limestone Mine) has been principally approved by Principal Conservator of Forest (Wildlife), Gandhinagar (Gujarat) vide 29.01.2020 (Copy enclosed as Annexure 7) • Final recommendation of approved plan will be implemented in association with state forest department along with execution of proposed project and after financial closure.
iv.	The project proponent shall obtain Consent to establish/ Operate under the provision of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	<ul style="list-style-type: none"> • Noted • Consent to Establish after receiving TOR for Environment Clearance has been obtained vide File No: GPCB/ (PCB ID. - 69493) dated 20/02/2019 (Annexure - 2)
v.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of Surface water required for the project.	<ul style="list-style-type: none"> • Noted and compliance assured • Sea Water will be drawn for plant purpose after desalination with due permission from respective authority • Being an integrated project NOC from Central Ground Water Authority has been obtained for water withdrawal from proposed mine. Copy Enclosed as (Annexure 8)

vi.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	• Noted and compliance assured
II.	Air quality monitoring and preservation	
i.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25 th August, 2014 (Cement) and Subsequent amendment dated 9 th May, 2016 (cement) and 10 th May, 2016 (Co-processing Cement); S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plants) as amendment from time to time and concerned to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	• Noted and compliance assured
ii.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	• Noted and compliance assured
iii.	The project Proponent shall install system carryout to continuous Ambient Air Quality monitoring for common/ criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at an angle of 120° each), covering upwind and downwind directions.	• Noted and compliance assured
iv.	The project proponent shall submit monthly summary report of continuous stack monitoring and manual monitoring of air quality/ fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	• Noted and compliance assured
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust	• Noted and compliance assured

	form all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	
vi.	The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.	• Noted and compliance assured
vii.	Pollution control system in the cement plant shall be provided to clean plant roads, shop floors, roofs, regularly.	• Noted and compliance assured
viii.	Sufficient number of mobile or stationary vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	• Noted and compliance assured
ix.	Recycle and reuse lime fines, coal fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after agglomeration.	• Noted and compliance assured
x.	Ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash;	• Noted and compliance assured
xi.	Provide wind shelter fence and chemical spraying on the raw material stock piles; and	• Noted and compliance assured
xii.	Provide Low NOx burners as primary measures and SCR / NSCR technologies as secondary measure to control NOx emissions. Have separate truck parking area and monitor vehicular emissions at regular interval.	• Noted and compliance assured
xiii.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/ railways as a mode of transport.	• Noted and compliance assured
xiv.	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.	• Noted and compliance assured
III.	Water quality monitoring and preservation	
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) rules 1986 vide G.S.R. No. 612 (E) dated 25 th August, 2014 (Cement) and subsequent amendment	• Noted and compliance assured

	dated 9 th May, 2016 (Cement) and 10 th May, 2106 (in case of Co-processing cement) as amended from time to time; S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plant) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (Pre and Post monsoon) at sufficient numbers of piezometers/ sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	• Noted and compliance assured
iii.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	• Noted and compliance assured
iv.	Adhere to 'Zero Liquid Discharge'.	• Noted and compliance assured
v.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	• Noted and compliance assured
vi.	Garland drains and collection pits shall be provided for each stock pile to arrest the runoff in the event of heavy rains and to check the water pollution due to surface run off.	• Noted and compliance assured
vii.	The project proponent shall practice rainwater harvesting to maximum possible extent.	• Noted and compliance assured
Viii.	Water meters shall be provided at the inlet to all unit processes in the cement plant.	• Noted and compliance assured
ix.	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by	• Noted and compliance assured

	recycling treated water.	
IV.	Noise monitoring and prevention	
i.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	• Noted and compliance assured
ii.	The ambient noise levels should conform to the standards prescribed under E(P) A Rules, 1986 viz. 75 db(A) during night time.	• Noted and compliance assured
V.	Energy Conservation measures	
i.	Waste heat recovery system shall be provided for kiln and cooler.	• Noted and compliance assured
ii.	The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.	• Noted and compliance assured
iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	• Noted and compliance assured
iv.	Provide the project proponent for LED lights I their officers and residential areas.	• Noted and compliance assured
v.	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.	• Noted and compliance assured
vi	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.	• Noted and compliance assured
VI.	Waste management	
i.	Used refractions shall be recycled as far as possible.	• Noted and compliance assured
ii.	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	• Noted and compliance assured
iii.	Kitchen waste shall be composted or converted to biogas for further use.	• Noted and compliance assured
VII.	Green Belt	

i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	<ul style="list-style-type: none"> • Noted and compliance assured
ii.	The project proponent shall prepare GFG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	<ul style="list-style-type: none"> • Noted and compliance assured
VIII.	Public hearing and Human Health issues	
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	<ul style="list-style-type: none"> • Noted and compliance assured
ii.	The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal protection Equipment (PPE) as per the norms of Factory Act.	<ul style="list-style-type: none"> • Noted and compliance assured
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	<ul style="list-style-type: none"> • Noted and compliance assured
iv.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories act.	<ul style="list-style-type: none"> • Noted and compliance assured
IX.	Corporate Environment responsibility	
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 st May 2018, as applicable regarding Corporate Environment Responsibility.	<ul style="list-style-type: none"> • Noted and compliance assured • Copy of Proposed CER is enclosed as (Attachment - 3) • Detailed year wise action plan has been prepared as per Ministry's OM and will be implemented along with project execution and after financial closure.
ii.	The company shall have a well laid down environmental policy duly approve by the	<ul style="list-style-type: none"> • Noted and compliance assured

	Board of Directors. The environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to hae proper checks and balances and to bring focus any infringements / deviation/ violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regards shall be submitted to the MoEF&CC as a part of six-monthly report.	<ul style="list-style-type: none"> • Environmental Policy of Adani Cementation Limited duly approved by Directors is in place and is enclosed as (Attachment - 4)
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	<ul style="list-style-type: none"> • Noted and compliance assured • Environment Management Cell with qualified staff will be establish.
iv.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be duly approved by component authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/ Regional Office along with the Six Monthly Compliance report.	<ul style="list-style-type: none"> • Noted and compliance assured • Action plan will be made for Implementation of EMP and environmental conditions. • Fund for Environmental protection measure will be allocated in separate account and not diverted to any other purposes • Progress report will be sent to the Ministry/Regional Office along with six monthly compliance report
v.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<ul style="list-style-type: none"> • Noted and compliance assured
vi.	All the recommendations made in the Charter in Corporate Responsibility for Environment Protection (CREP) for the Cement Plants shall be implemented.	<ul style="list-style-type: none"> • Noted and compliance assured
X.	Miscellaneous	
i.	The project proponent shall make public	<ul style="list-style-type: none"> • Environmental clearance

	<p>the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of Districts or State, of which one shall be in the vernacular language within seven days and in the addition this shall be also be displayed in the project proponent's website permanently.</p>	<p>vide dated 12.05.2020 has been published in two local newspapers. i.e. The Indian Express (English) and Kutch Mitra (Gujarati). It has been also displayed on Industry website www.adani.com Public Notice published on 16.05.2020 in The Indian Express (English) and Kutch Mitra (Gujarati) Newspaper for Environment Clearance granted on 12.05.2021 (Annexure -5)</p>
ii.	<p>The copies of the environmental clearances shall be submitted by the project proponents to the Heads of local bodies, Panchayat and Municipal Bodies in addition to the relevant offices of the government who in turn has to display the same for 30 days from the date of receipt.</p>	<ul style="list-style-type: none"> • Copy of Environmental clearance dated 12.05.2020 has been submitted to the Heads of Local bodies, Panchayats and Municipal Bodies. Acknowledgment copies are enclosed as (Annexure - 6)
iii.	<p>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.</p>	<ul style="list-style-type: none"> • Noted and compliance assured • This six-monthly compliance report (April-2022 to September-2022) is uploaded and available at company website: www.adani.com
iv.	<p>The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicted for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.</p>	<ul style="list-style-type: none"> • Noted and compliance assured
v.	<p>The project proponent shall submit six-monthly reports on the status of compliance of the stipulated environmental conditions on the website of Ministry of</p>	<ul style="list-style-type: none"> • Six monthly compliance report on the status of the compliance of the stipulated environmental

	Environment, Forest and Climate Change at environment clearance portal.	conditions submitted by-mail to the Regional Office of MoEF&CC, Zonal Office of CPCB and the SPCB.
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	<ul style="list-style-type: none"> • Noted and compliance assured • Environmental statement for each financial year ending 31st march in form-V will be submitted to the State Pollution Control Board after project execution. • it will be also put on the website of the Company along with the status of compliance of EC conditions and shall be sent to the regional office of the MoEFCC by e-mail.
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by concerned authorities, commencing the land development work and start of production by the project.	<ul style="list-style-type: none"> • Noted and compliance assured
Viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	<ul style="list-style-type: none"> • Noted
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	<ul style="list-style-type: none"> • Noted and compliance assured • ACL will abide by all the suggestions given by EAC during presentation and recommendation mentioned in EIA report. • Commitment of issue raised during PH will be complied during execution of the project as well as during plant operation.
x.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry, of Environment,	<ul style="list-style-type: none"> • Noted

	Forests and Climate Change (MoEF&CC).	
xi.	Concealing factual data or submission of false/ fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	• Noted
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	• Noted
xiii.	The ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	• Noted
xiv.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/ monitoring reports.	• Noted
xv.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	• Noted
xvi.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days prescribed under Section 16 of the National Green Tribunal Act, 2010.	• Noted

F. No. J-11011/494/2017-IA.II(I)
 Government of India
 Ministry of Environment, Forest and Climate Change
 (Impact Assessment Division)

Indira Paryavaran Bhawan
 Jor Bagh Road, Aliganj,
 New Delhi - 110003
 E-mail: dirind-moefcc@gov.in
 Tel: 011-24695368
 Dated: 12.05.2020

To

✓ Shri Santosh Kumar Singh
 Head Environment
 Ms Adani Cementation Ltd,
 Sambhav House,
 Judges Bangalow Road, Bodekdev,
 Ahmedabad, Gujarat - 380015

Subject: Integrated Cement Project (Cement Plant -10 MTPA;Clinkerization Plant- 10 MTPA) with Captive Power Plant (99 MW), Limestone Mine for 12.0 MTPA by **M/s Adani Cementation Ltd., (Lakhpat Cement Works)** located at Village Maldo, Mudhvay, Koriyani and Kapurasi, Taluka Lakhpat, **District Kutch, Gujarat- Environment Clearance for Integrated Cement Plant**— regarding.

Sir,

M/s Adani Cementation Ltd submitted online application vide proposal no. J-IA/GJ/IND/69706/2017 dated 10.02.2020 in the prescribed Form 2 along with EIA report and other documents for seeking Environmental Clearance (EC) as per the EIA Notification, 2006. The proposed project activity is listed at Sl. No. 3(b) Cement Plants under Category "A" in EIA Notification, 2006 and appraised at the central level.

2. Proposed Integrated cement project "Lakhpat Cement Works" of M/s Adani Cementation Ltd located in village Koriyani, Maldo, Mudhvay & Kapurasi, Taluka Lakhpat, District Kutch, State Gujarat, was initially received in the Ministry on 26th September 2017, for obtaining Terms of Reference (ToR) as per EIA Notification, 2006 and further submitted this proposal on 16th May 2018 for amendment in the ToR. The Project was appraised by the Expert Appraisal Committee (Industry) [EAC (I)] during its 32nd meeting held during 11- 13th June 2018 and prescribed ToRs to the project for undertaking detailed EIA study for obtaining EC. Accordingly, the Ministry of Environment, Forest and Climate change had prescribed ToR to the project on 25.06.2018 vide Lr. No. IA-J-11011/494/2017-IA-II (I).
3. Based on the ToR prescribed to the project, the project proponent submitted an application for EC to the Ministry online on 10.02.2020 vide Online Proposal No. IA/GJ/IND/69706/2017.

Details Submitted by the Project Proponent

4. The proposed Integrated Green Field Project by M/s Adani Cementation Ltd (ACL) is for setting up of a new Integrated Cement Plant for production of 10 MTPA Clinker, 10 MTPA Cement, 99 MW Captive Power (75 MW - TPP & 24 MW - WHRS), Limestone Mine of 12 MTPA, Desalination of 9000 KLD and Berthing Jetty with handling capacity of 19 MTPA at village Maldo, Mudhvay, Koriyani & Kapurasi, Taluka Lakhpat, District Kutch, State Gujarat.
5. The total land required for the proposed integrated project is 454.27 ha (Cement Plant & CPP: 190.23 ha, Limestone Mine: 251.9 ha, Conveyor Corridor: 8.09 ha, Backup & Desalination Plant: 4.05 ha), out of which, 142.076 ha is agricultural land (Private land),

1.7235 ha is Grazing land and 310.47 ha is others [307.8163 ha, Govt. Land and 2.6564 ha of Forest land for which In-principal approval (Stage I) has been obtained from MOEFCC vide letter no. FCA-1019/10-03/19/S.F-60/F]. Around 23 ha of private land is acquired and acquisition of rest of the area is under process. There is no river passing through the project area. It has been reported that in 10km radius area from project site, Rivers, KapusariNadi and Kali Nadi are flowing towards NW direction following the slope. Kori Creek is at distance of 4.2 km from the Plant boundary in NW direction.

6. The topography of the area is plain and reported to lie between 23^o42'43.65" to 23^o44'50.99" N Latitude and 68^o 34' 41.81" to 68^o 42' 40.94" E Longitude in Survey of India topo sheet No. 41A/10, at an elevation of 27m AMSL. The ground water table reported to range between 5-10m below the land surface during the post-monsoon season and 5-10 m below the land surface during the pre-monsoon season. Based on the hydro-geological study, it has been reported that the radius of influence of pumped out water will be 411m. Further, the stage of groundwater development is reported to be 0 % and 9.33% in core and buffer zone respectively and thereby these are designated as safe areas.
7. The Eco Sensitive Zone of Narayan Sarovar Wildlife Sanctuary is located at a distance of 3.8 km towards South of the Plant area. The area also does not report to corridor for Schedule-I fauna. The core area of the project site has recorded presence of a Critically Endangered shrub species *Commiphorawightii* and fournos. of Schedule I species of birds. The buffer zone has recorded presence of 15nos. of species of high conservation value among which fourteennos. are faunal species and one is the Critically Endangered shrub species. One species of Reptile, eight species of birds and five species of mammals are Schedule-I species reported from the study area. The Wildlife Conservation Plan has received approval from the Chief Wildlife Warden of Gujarat State vide Letter no. WLP/T.32/C/988/2019-20 Dated: 29/01/2020.
8. The process of project showing the basic raw material used and the various processes involved to produce the final output is given below:
 - Limestone shall be raised from Mudhvay mines by surface miners and transported by belt conveyors to proposed plant.
 - Low grade Limestone shall be received through Trucks to proposed Plant (From GMDC)
 - Silica sand shall be received through trucks, Limestone mix and silica sand shall be ground in a Raw Mill. Ground fine raw meal shall be stored in a blending silo.
 - Fine ground raw meal shall be fed to Preheater, Calciner and Kiln. (Pyro process System)
 - Dry process, rotary kiln system with pit-less type clinker cooler shall be provided for clinker production.
 - Coal /Lignite/Petcoke shall be ground in Coal mill. Fine Coal/Lignite/Petcoke shall be used as a fuel in the pyro process for production of Clinker while Lignite will be used as a fuel in Captive power plant for power generation.
 - Waste heat from preheater and cooler shall be utilized to produce power through waste heat recovery Boiler System.
 - Clinker shall be transported from the Cooler by the help of DPC and stored in Clinker Silo and conveyed to cement mill hoppers through Conveyors.
 - Clinker shall be extracted from clinker hopper and transported to cement mill hopper for production of cement, Balance Clinker shall be transported to jetty through pipe conveyor for barge loading.

- Gypsum, Fly ash, Slag and Clinker from Cement mill hopper shall be fed in appropriate proportion to Cement grinding system to produce various cement product like PPC/OPC/PSC/PCC as per the market demand requirement.
- Cement shall be stored in Silos. Partially cement shall be packed in bags in packing plant and dispatched through Trucks, balance bulk Cement shall be conveyed to jetty through pipe conveyor for barge loading.
- Power requirement of the proposed plant shall be fulfilled by CPP/WHRS and Grid supply.
- Process Water requirement shall be sufficed from Desalination plant, proposed in the Backup area

9. Waste generated in the process:

i. Solid waste generated through the process

S.No.	Name of Waste	Mode of disposal/Use
1	Used Containers (Drums)	Through TSDF
2	Used Oil	Through Authorized Recycler
3	Bottom Ash	Shall be used as Additive for Clinker production
4	Fly ash	Shall be used as Raw material for PPC/PCC production

ii. Waste Water generated through the process

S.No.	Name of Waste	Discharge/Reuse
1	CPP Condenser Fin cleaning	Reused for dust suppression in ML area
2	Industrial waste water	Reuse in dust suppression after treatment through ETP
3	Domestic Waste Water	Reuse for Gardening after treatment through STP
4	Brine Reject	Discharge to designated outfall location in Kori Creek

- The target production capacity of Lakhpat Cement Works is 10.0 MTPA Clinker and 10.0 MTPA Cement. The required raw material 12 MTPA Limestone would be sourced from Limestone Mines, which is integral part of project. Limestone shall also be procured from GMDC Mine (as per MoU vide letter no. GMDC/BD/LM/1988/2017-18, dated 13th September 2017). Limestone transportation from mine will be through belt conveyor and balance by road from GMDC mine.
- The fresh water requirement of the project is estimated as 9000 m³ /day which will be met from the proposed Desalination Plant. The permission for drawl of Sea water for desalination was obtained from Gujarat Maritime Board vide letter no. GMB/N/PVT-1/1798/559/419 dated 17.01.2020.
- The power requirement of the project is estimated as 125 MW, out of which 99 MW is obtained from CPP (75 MW TPP, 24 MW WHRS) and remaining 26 MW would be drawn from Grid Power.
- Baseline Environmental Studies were conducted during winter season i.e. from December, 2017 to February, 2018. Ambient air quality monitoring has been carried out at nine locations during December, 2017 to February, 2018 and consolidated 24 hour averaging 98th percentile data indicated: PM₁₀ (64.7 µg/m³ to 75.1 µg/m³), PM_{2.5} (23.3 to 32.9 µg/m³), SO₂

(8.5 to 18.7 $\mu\text{g}/\text{m}^3$) and NO_x (10.6 to 19.9 $\mu\text{g}/\text{m}^3$). The results of the modeling study indicate that the maximum increase of GLC for the proposed project is 5.81 $\mu\text{g}/\text{m}^3$ with respect to the PM_{10} .

14. Ground water quality were monitored at seven locations in the study area. The analysis shows: pH- 7.1 to 7.4; Total Hardness- 309.7 to 600.6 mg/l; Chlorides- 253 to 548 mg/l; Fluoride- 0.29 to 0.48 mg/l. Heavy metals are within the limits. Surface water samples were monitored at six locations (two samples from inland surface water – village pond and four samples from Kori Creek). In village pond: pH-7.5 to 7.84; DO- 4.3 to 5.4 mg/l; BOD- 1.1 to 2.4 mg/l; COD - 25.2 to 38.4 mg/l. Kori Creek samples : pH-7.9 to 8.1; DO- 5.7 to 6.4 mg/l; BOD- 0.8 to 0.92 mg/l; COD- 20.3 to 22.4 mg/l.
15. Noise levels are in the range of 41.4 to 50.4 dB (A) for daytime and 32.7 to 42.9 dB (A) for nighttime.
16. It has been reported that forty four people needs to be displaced in the core zone of the project. R&R is involved. It has been envisaged that seventeen families are to be rehabilitated, whom will be provided compensation and preference in the employment.
17. It has been reported that the generated solid waste viz. Bottom ash and Fly ash shall be used as raw materials in Cement manufacturing process. However, as per approved mine plan, there will be generation of 5.645 Mcum of Over Burden (OB) and 0.10 Mcum of top soil from 1st to 5th year of mining and the generated OB will be back filled in the excavated pit. The topsoil removed during mining will be utilised for spreading on the earthen bunds and used for plantation. It has been envisaged that an area of 147.4 ha (Plant : 63.9ha & Mine : 83.5ha) will be developed as green belt in the project site to attenuate the noise levels and to arrest airborne dust generated due to the project development activities.
18. The capital cost of the project is ₹ 7525 Cr and the capital cost for environmental protection measures is proposed as ₹ 107 Cr. The annual recurring cost towards the environmental protection measures is proposed as ₹ 12 Cr.
19. During the operation phase, there will be direct employment generation for 150 nos. of people and Indirect employment in the form of contractual workers, will be for 450 nos. of people.
20. It has been reported that the Consent to Establish from the Gujarat State Pollution Control Board was obtained vide File no. GPCB/(PCB ID - 69493) dated 20.02.2019 and Consent is valid up to seven years from the issue of CTE.
21. The Public hearing of the project was held on 28.05.2019 at village- Koriyani, Lakhpat under the Chairmanship of District Magistrate and District Collector Bhuj, Kutch for Integrated Cement Project involving Cement (10 MTPA), Clinker (10 MTPA) and Captive Power Plant (99 MW). The issues raised during public hearing are related to employment, cattle grazing/ fodder, health/medical, educational/skill development, infrastructure/hospital/school/road, marine/fisherman, greenbelt/plantation, godhatad dam, disposal of waste water, drinking water, livelihood, air and water pollution, revenue for panchayat and agricultural support etc. An amount of ₹ 45.6 Cr has been earmarked for Corporate Environment Responsibility (CER) based on public hearing issues.
22. Greenbelt will be developed in 63.9 ha with 100 m width, consisting of at least three tiers around plant boundary will be developed as greenbelt as per CPCB/ MoEF&CC guidelines. Replantation will be carried out during 4th & 5th year of project activity considering 30% of mortality rate.
23. The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.

Observations of the Committee

24. The EIA report is prepared for interlinked and integrated project with mining and jetty and desalination plant in the CRZ. The committee considered the project aspects related to cement plant only. The issues related to mining, sea water intake and outfall etc. shall be appraised in the respective EACs.

Recommendations of the Committee

25. In view of foregoing, after detailed deliberations, the committee recommended the project for grant of Environmental Clearance under the provisions of EIA Notification, 2006 subject to the following specific conditions in addition to the applicable general conditions as per the Ministry's Office Memorandum No. 22-34/2018-IA.III dated 9/8/2018 pertaining to Cement plants.

- i. No Ground water abstraction is permitted. The water requirement shall be met by desalination of seawater.
- ii. Rain water harvesting plan shall be prepared considering all the parameters like rainfall, percolation, run off etc. in the plant site and in the study area for water use by the community, and the same shall be implemented. Compliance report thereof shall be submitted to the Regional Office of this Ministry.
- iii. Approved Wildlife Conservation Plan (WLCP) shall be implemented, monitored and reported to the Regional Office in the six monthly compliance report.
- iv. Total greenbelt/plantation in and around the project boundary shall not be less than 63.9 ha. Plantation is to be completed in three years and maintained properly. Extensive greenery by raising avenue plantation, and by planting barren areas, etc., shall be developed in the vicinity of the plant to prevent air borne dust pollution.
- v. An amount of ₹46 Cr earmarked for CER shall be implemented within four years.
- vi. Approved R&R plan shall be implemented and progress of the same shall be submitted to MoEF&CC till the entire plan is implemented.
- vii. Locals shall be trained and thereafter employed in the plant. The employment of local work force shall be in compliance with the state government regulations.
- viii. Top soil shall be conserved for landscaping and green belt development.
- ix. Specific power consumption shall not exceed 58 kWh/t of clinker and 30 kWh/t of cement production.
- x. Four Continuous Ambient Air Quality Monitoring Stations (CAAQMS) shall be installed to monitor the ambient air quality in and around the plant in consultation with SPCB
- xi. Particulate emissions from stacks shall be maintained at less than 30 mg/Nm³.
- xii. Alternate fuels shall be used in the plant and emission norms shall be complied with for use of alternate fuels as required in accordance with the Notification of this Ministry vide SO 3518 (E) dated 23.11.2016.
- xiii. Besides paving of roads inside the plant, industrial vacuum cleaners shall be deployed to prevent air borne dust pollution.
- xiv. Plant shall achieve Zero Liquid Discharge.
- xv. Care shall be taken to restrict cutting of trees to the minimum. For every tree cut, a minimum of 10 trees or the number as required by the state policy, whichever is more shall be planted.

Decision of MoEF&CC

26. The Ministry has considered the recommendation of EAC and here by decided to accord Environmental Clearance for integrated cement plant for production of Cement (1.0 MTPA) , Clinker (1,0 MTPA) and Captive Power Plant (99 MW) at Village Maldo, Mudhvay, Koriyani and Kapurasi, Taluka Lakhpat, **District Kutch, Gujarat**with the specific conditions at para 25 above and following sector specific general conditions as per the Ministry's Office Memorandum No. 22-34/2018-IA.III dated 9/8/2018.

I. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement)and 10th May, 2016(Co-processing Cement); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
- iii. The project proponent shall install system carryout to Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions)within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.

- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Recycle and reuse lime fines, coal fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after agglomeration.
- x. Ensure recovered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash;
- xi. Provide wind shelter fence and chemical spraying on the raw material stock piles; and
- xii. Provide Low NO_x burners as primary measures and SCR /NSCR technologies as secondary measure to control NO_x emissions. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xiii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport
- xiv. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and 10th May, 2016 (in case of Co-processing Cement) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. Waste heat recovery system shall be provided for kiln and cooler.
- ii. The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
- iii. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- iv. Provide the project proponent for LED lights in their offices and residential areas.
- v. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- vi. maximize utilization of alternate fuels and Co-processing to achieve best practice norms

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- iii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The PP shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any

infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.

- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(A.K.Agrawal)
Director

Copy to:

1. **Secretary**, Department of Environment, Government of Gujarat, Secretariat Gandhinagar.
2. **Deputy Director General of Forests(C)**, Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5 KendriyaParyavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal – 462016.
3. **Chairman**, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
4. **Member Secretary**, Central Ground Water Authority, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011.
5. **Chairman**, Gujarat State Pollution Control Board, Sector 10-A, Gandhi Nagar - 382043, Gujarat.
6. **District Collector**, Kutch District, Gujarat.
7. Guard File/Record File/Monitoring File.
8. MoEF&CC Website.


(A.K.Agrawal)
Director



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA
 पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
**MINISTRY OF ENVIRONMENT, FOREST
 & CLIMATE CHANGE**

क्षेत्रीय कार्यालय, पश्चिम क्षेत्र,
 Regional Office, Western Region,
 "केन्द्रीय पर्यावरण भवन"
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File No. 6-GJB026/2019-BHO/720

Date: 28/06/2019

To,

The Additional Chief Secretary (Forests)
 Govt. of Gujarat
 Sachivalaya, Gandhinagar, (Gujarat).

Sub: Diversion of 2.6564 ha section-4 Forest land for Belt conveyor corridor of Lakhpat Cement Works at Village-Maldo & Kapurasi in Taluka Lakhpat of Kachchh district in favour of Adani Cementation Ltd., Ahmedabad.

Sir,

I am directed to refer to your letter No. FCA-1019/10-03/19/S.F-60/F dated 25.06.2019 on the above mentioned subject seeking prior approval of the Central Government under section-2 of the Forest (Conservation) Act, 1980. After due consideration of the above proposal of the State Government the undersigned on behalf of the Central Government is hereby directed to convey **In-principle** approval for diversion of 2.6564 ha section-4 Forest land for Belt conveyor corridor of Lakhpat Cement Works at Village-Maldo & Kapurasi in Taluka Lakhpat of Kachchh district in favour of Adani Cementation Ltd., Ahmedabad subject to the following conditions:-

1. Legal status of the forest land shall remain unchanged.
2. Forest land shall be handed over only after required non-forest land for the project is handed over to the user agency.
3. **Compensatory afforestation :**
 - a) Compensatory Afforestation shall be taken up by the Forest Department over **2.6564 ha non-forest land** in Survey No. 4/pt, Village-Khengarpur, Taluka-Lakhpat, District-Kachchh at the cost of the User Agency. As far as possible, a mixture of local indigenous species shall be planted and monoculture of any species may be avoided.
 - b) The non-forest land proposed for CA shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval. A copy of the original notification declaring the non-forest land under Section 4 or Section 29 of the Indian Forest Act, 1927, or under the relevant section of the State Forest Act as the case may be, will be submitted by the State Government prior to Stage-II approval;
4. The cost of compensatory afforestation at the prevailing wage rates as per compensatory afforestation scheme and the cost of survey, demarcation and erection of permanent pillars if required on the CA land shall be deposited in advance with the Forest Department by the project authority. The CA will be maintained for 10 years. The scheme

2.6564 ha
 A.C.L., Ahmedabad

28/6/19

- may include appropriate provision for anticipated cost increase for works scheduled for subsequent years.
5. **Net Present Value (NPV):**
- a) The State Government shall charge the Net Present Value(NPV) for the 2.6564 ha forest area to be diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 30.10.2002, 01.08.2003, 28.03.2008, 24/04/2008 and 09.05.2008 in IA No. 566 in WP (C) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No. 5-1/1998-FC (Pt.II) dated 18.09.2003, as well as letter No. 5-2/2006-FC dated 03/10/2006, 5-3/2007-FC dated 05/02/2009 and chapter 3 of handbook 2019 of F(C)A, 1980 & FC Rules 2003 in this regard.
- b) Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect.
6. User agency shall restrict the felling of trees upto 113 numbers in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the user agency with the State Forest Department.
7. All the funds received from the user agency under the project shall be transferred/deposited to CAMPA fund only through e-portal (<http://parivesh.nic.in/>).
8. **CRZ clearance shall be obtained before issuance of working permission and uploaded along with the compliance report for Stage-II approval on e.portal.**
9. **The CA area and plantation shall attract Para 2.4(vi) of F(C)A, 1980 Handbook 2019 and report accordingly shall be submitted and uploaded along with the compliance report for Stage-II approval on e.portal.**
10. User agency shall obtain Environmental Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable.
11. The layout plan of the proposal shall not be changed without prior approval of Central Government.
12. No labour camp shall be established on the forest land.
13. Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourer after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel.
14. The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer.
15. No additional or new path will be constructed inside the forest area for transportation of construction materials for execution of the project work.
16. The period of diversion under this approval shall be co-terminus with the period of lease to be granted in favour of the user agency or the project life, whichever is less.
17. The forest land shall not be use for any purpose other than that specified in the project proposal.
18. The forest land proposed to be diverted shall under no circumstances be transferred to any other agencies, department or person without prior approval of Govt. of India.
19. All the conditions of State Forest Department/Local Forest rules shall be applicable in this project.

2.6564 ha
ACL, Ahmedabad


25/6/19

20. Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as per the para 1.21 of Handbook of F(C) 1980 & FC Rules 2003 published in 2019.
21. Any other condition that the Ministry of Environment, Forests and Climate Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.
22. The complete compliance report in letter format from Govt. of Gujarat shall be uploaded on e-portal (<http://parivesh.nic.in/>).

After receipt of compliance report on fulfillment of all the above conditions from the State Government, proposal will be considered for final approval under Section-2 of the Forest (Conservation) Act, 1980.

Any order for transfer of forest land to user agency shall not be issued by the State Government till formal approval for diversion of forest land is issued by this office.



(B. Abhay Bhaskar)
Asstt. Inspector General of Forests (C)

Copy to :-

1. Director, ROHQ, Ministry of Environment, Forests and Climate Change, Agni, C-wing, 3rd Floor, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi – 110003.
2. The Addl. Principal Chief Conservator of Forests and Nodal Officer (FC), Gandhinagar, Gujarat.
3. The Dy. Conservator of Forests, Kutchh (West) Division, Bhuj, Gujarat.
4. Adani Cementation Limited, Adani House, 56m Shrimali Society, Navrangpura, Ahmedabad-380009.
5. Order file.



(B. Abhay Bhaskar)
Asstt. Inspector General of Forests (C)

2.656449
A.C.L., Ahmedabad



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382010

Phone : (079) 23222425

(079) 23222152

Fax : (079) 23232156

Website : www.gpcb.gov.in

Consent to Establish After Receiving TOR For Environment Clearance

File No : GPCB/ (PCB ID. - 69493)

To,
M/s. Adani Cementation Limited.

, Adani Corporate House, South Wing, Ground Floor, Adani Shantigram, SG
Highway,
City :Mudhvay, Maldo, Kapurasi and K ,
Dist : Kutch West ,
Taluka : Lakhpat

Sub: Consent to Establish (After obtaining Terms Of Rrference For Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

Ref: (1) Your online application No. 151494 dated 05/02/2019

(2) TOR issued by Central Authority vide their letter no. IA-J-11015/121/2017-IA.II Dated 09/01/2018

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants **Consent to Establish (After obtaining Terms Of Rrference For Environment Clearance) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981** for manufacturing of products as mentioned into the application of Environment Clearance (EC) for which TOR is granted vide letter under reference no (2) above.

Consent To Establish Is Granted Subject To The Following Conditions: -

- 1) The validity period of this CTE shall be Seven Years from the issue of this order.
- 2) Applicant shall strictly comply with all conditions stipulated by competent authority in the order of Environment Clearance to be issued in reference to TOR issued vide letter under reference No. : 2 above.
- 3) The applicant shall however , not without the prior concern of the Board. Bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the water Act - 1974, the Air - 1981 and the Environment (Protection) Act - 1986.

For and on behalf of
Gujarat Pollution Control Board

U.K.Upadhyay
Unit Head - Kutch West

- This order is issued to , Adani Corporate House, South Wing, Ground Floor, Adani Shantigram, SG Highway, City :Mudhvay, Maldo, Kapurasi and K, Dist : Kutch West, Taluka : Lakhpat (69493) for CTE amendment after obtaining EC.

**YEAR WISE BUDGET ALLOCATION FOR ACTIVITIES UNDER
CORPORATE ENVIRONMENT RESPONSIBILITY**

Activities	Spent till today	Year - 1	Year - 2	Year - 3	Total
					(In crores)
Infrastructure development	0.11	3.3	7.6	8.5	19.5
Healthcare development	0.06	0.0	1.3	2.7	4.0
School infrastructure, facilities and support, library, science lab etc.)	0.01	0.1	1.3	1.5	2.9
Marine Infrastructure		0.3	0.7	1.0	2.0
Skill development		1.4	2.0	2.3	5.7
Water supply		1.5	3.0	3.9	8.4
Contribution to various Govt. Schemes (Swachh Bharat, Skill development etc.)	0.73	0.5	0.7	0.9	2.7
Plantation & Providing Seeds in Community Area	0.01	0.2	0.3	0.4	0.8
Total	0.91	7.2	16.8	21.1	46

Note:

- CER Budget is allocated as per the OM Dated 01.05.2018 of MoEFCC, Considering total project cost is Rs. 7525 Crores.
- As per para 6 (ii) of OM, for total Capital Investment i.e. from >Rs.1001 Crore to ≤Rs.10000 Crore, under Green Filed Project Category fund allocated for CER should be 0.5%.
- As per Specific Condition no. V, ACL has allocated CER budget of Rs. 46 Crores.

Activity (planned considering issues raised during PH)	Commitment of PP	Action plan	Timeline	Budget
Training and Skill development, Local Employment,	<ul style="list-style-type: none"> • Skill development of people in project impact area. • Promotion of self-working groups • Traditional & Cultural Support 	<ul style="list-style-type: none"> • Industrial & Tech. skill development - 640 Persons from nearby villages • Self-employment training - 490 villagers from nearby villages • Employment opportunity to the marginal workers of project impact area based on the relevant skills, experience and Merit 	In first 3 Years	Rs.5.7 Crores
Education Support	<ul style="list-style-type: none"> • Development of School infrastructure facilities • Student welfare programmes 	<ul style="list-style-type: none"> • 15 additional rooms at Primary Schools in nearby Villages • Furniture for 4 Rooms • Technical aid to ITI, Panadhro • Development of Sport Ground 	In first 3 years	Rs.2.9 Crores
Health Facilities	<ul style="list-style-type: none"> • Organizing Health camps • Provision of Public health center and ICU on wheel 	<ul style="list-style-type: none"> • Two nos. of mobile ICU • Hospital building and Equipment 	<ul style="list-style-type: none"> • 1st Mobile ICU at start of project and 2nd at commissioning • Hospital building along 	<ul style="list-style-type: none"> • Rs.0.5Crore on mobile ICU. • Rs.3.5Crore on hospital building. • Rs.0.06Crores already spent on Health Camp and Distribution of Wheelchair and Equipment for differently abled person.

			with commissi oning of project	
Infrastructu re Developme nt	Infrastructure development in project impact area	<ul style="list-style-type: none"> • Deepening of Godthtad Dam. • 17 Kms Lined Canal for irrigation purpose from Godthtad Dam to Nani Chher • Deepening and Bunding of 5 ponds • Community Hall - 5 Nos • Rain water harvesting System in 28 Villages • Swatch Bharat Abhiyan (Toilet for Villagers) • Building for Skill Development Centre - Koriyani • Solar Street Light for Villages - 28 Villages • Drinking Water arrangement 	In first 3 Years	Rs.27.9 Crores.
Marine Infrastructu re	<ul style="list-style-type: none"> • Distribution of Fishing Net, PPE Equipment, Fishing Boat to Fisherman. 	<ul style="list-style-type: none"> • Identification of Fisherman for distribution of net. 	In first 3 Years	Rs. 2 Crores
Environmen t Protection	<ul style="list-style-type: none"> • Installation of Pollution control equipment 	<ul style="list-style-type: none"> • Adequate pollution control devices including ESP, Bag filters, ETP etc. are envisaged for project area 	Considered in Project Cost	

	<ul style="list-style-type: none"> • Mass plantation 	<ul style="list-style-type: none"> • Mass plantation shall be carried out in project impact Villages 	In first 3 Years	Rs.0.8 Crores (For mass plantation)
Agriculture & Animal Husbandry Support.	<ul style="list-style-type: none"> • Contribution in various govt. schemes • Scientific support and awareness to local farmers 	<ul style="list-style-type: none"> • Fodder distribution during stress period • Seed and Fertilizers distribution • Financial support to ongoing Govt. schemes 	In first 3 Years	Rs.2.0 Crores. Rs.0.73Crores spent on Fodder Distribution.
Impact on existing Infrastructure	<ul style="list-style-type: none"> • No community structures such as schools, temples or community halls are getting affected. 	<ul style="list-style-type: none"> • R & R activities • Compensation for reconstruction • Equivalent area of land • Land compensation for land losers 	In first 3 Years	As per the requirement

Details of Budget Estimation for CER Activities:

Mechanism for Implementation of CER Activities:

A Committee shall be formed under the chairmanship Representative of District Collector involving village representative, Representative of District Pollution Control Board and ACL Plant representative.

S. No.	Members
1	Representative of District Collector
2	Representative of ACL Plant
3	Concerned Village Sarpanch
4	Representative of District Pollution Control Board (GPCB)

Functions and Responsibilities of Committee:

- The committee shall monitor the overall implementation of the CER activities and the disbursement of the funds.
- Committee shall examine the annual targets, activities of proposed CER allocated.
- Committee would review the progress of the targets and activities of proposed CER allocated.

- iv. The committee would prepare the half yearly report for the compliance providing evaluation and documentation of progress made, targets achieved and performance of the activities carried out.
- v. The committee shall ensure that the funds are used only for the prescribed for CER activities.
- vi. ACL shall release funds annually as per the allocated budget for various CER activities.
- vii. A 3rd party annual audit of the CER activities shall be carried out.



ENVIRONMENT POLICY

We at Adani Cementation Limited, engaged in manufacturing and supply of cement are **Committed to Protect our Environment** and **Continual Improvement** of our overall performance,

Through

- Implementation of latest technology for **Prevention of pollution.**
- Optimal use of **Natural resources** and **Waste minimization.**
- Ensure all **Legal compliances** and EMS requirements.
- **Monitoring & reviewing** of unsafe acts and conditions to reduce the impact on Environment.
- **Consultation, communication** and **Awareness** rising among stakeholders.

Guided by

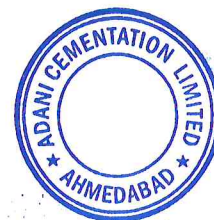
The principles of **Environmental Management Systems**

We will ensure communication of this policy to relevant stakeholders in appropriate manner.

Date: 2nd January 2020

A handwritten signature in blue ink, appearing to read "Rohit V. Sharma".

Director



Annexure -

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n n u r u r e er r n r n en
e r n e r n e n

3 GUJARAT

Queues outside shops as strict lockdown lifted in Ahmedabad

EXPRESS NEWS SERVICE
AHMEDABAD, MAY 15

AHMEDABAD RESIDENTS were seen queuing up for vegetables and grocery essentials as the week long strict lockdown was lifted on Friday. The shops were allowed to remain open from 8 am to 3 pm.

Before this lockdown was lifted, the Ahmedabad Municipal Corporation (AMC) conducted a massive screening drive for the superspreaders where 33,500 of them have been screened, so far.

"In last 7-8 days, major screening of superspreaders has been undertaken in which 33,500 have been screened. Of them, 700 tested positive. This is an effective exercise conducted to ensure that in future coronavirus does not spread through superspreaders," additional chief secretary, forest and environment department, Rajiv Kumar Gupta said in a pre-recorded video message released Friday.

However, the AMC changed its policy of screening these superspreaders after every seven days to 14 days. After screening, these superspreaders are issued a health card which earlier was declared to be renewed before seven days.

Rajiv Kumar Gupta on Friday said that they would be screened after 14 days. "We request you all to check the health card issued to these superspreaders and only buy from those who have been issued these cards. These superspreaders will again be screened after 14 days to ensure that they remain healthy and to stop the spread of virus," Gupta said.

However, not many customers were seen taking a note



People queue up outside outside a grocery shop in Ahmedabad on Friday. Javed Raja

of whether the vendors are carrying a health card or not.

He also assured that the situation is slowly getting normal. "Huge supply has been done and this supply will continue. So in coming two days the situation will further improve," he added.

On Friday between 8 am and 3 pm, while in many parts the suggestion by authorities to let women and children step outside their houses for first three hours to make purchases was followed, women were also seen carrying plastic buckets to purchase vegetables.

"We were doing with the little stock of vegetables we had during this last one week along with pulses but it was not a major crisis for us since we have a small family," Jalpa Patel, one of the residents of a residential society in Thaltej said who had come with a plastic bucket to buy vegetables.

Many stores and supermarkets allowed only women to shop between 8 am and 11 am due to which a queue of male

customers was formed outside their shops. Speaking to The Indian Express, Rishi Shah (31), a resident of Malabar County, said, "The housing society where I live has the rule that only one person per family will be allowed to go out for shopping and I have been doing that for the past 50 days. Now, with the new rule of supermarkets, I cannot call my wife to shop for us in the morning hours so I have queued up since 9 am."

In the Bopal-Ghuma Municipality which borders the Ahmedabad Municipal Corporation areas on the western periphery of Ahmedabad city Friday relaxed the lockdown measures which were supposed to be in place till May 17. On Friday, shops and vegetable vendors who have procured health cards were allowed to operate.

"Only vendors who have procured health cards from the municipality were allowed to start operations if they had sufficient stock with them," said Jigisha Shah, president of the municipi-

ality. According to her, so far about 300 health cards have been issued by the local body.

"As of now only shops selling groceries, vegetables, milk, medicines and water have been allowed to operate," said the official.

While most retail shops selling essential goods remained closed in the municipality, vegetable vendors were seen on the roads selling mostly onions, potatoes and garlic. "There were complaints about vendors overcharging. We had sent our officials and had also asked the police to check. But we did not find any vendor overcharging," said Shah.

The state government on Friday said it will begin distribution of free rations to NFSA (National Food Security Act) card holders from May 17-27. This distribution will not take place in Ahmedabad city.

However, officials said the distribution of free rations for middle income APL-1 card holders will be held between May 18 and 28 for Ahmedabad city.

80-yr-old man hit by car, dies

EXPRESS NEWS SERVICE
SURAT, MAY 15

AN 80-year-old man who had gone to fetch medicines on his bicycle was hit by a speeding car on Friday. He died while undergoing treatment at a hospital.

Surat police registered an accidental death case against an unknown car driver and have started a probe. At Kamela Darwaja on Ring Road,

A case of accidental death was registered

his bicycle was hit by a speeding car, as a result of which, he fell down and was severely injured. The car driver took him to SMIMER hospital for treatment where he died.

Salabatpura police said that on the basis of the CCTV footage the car driver will be identified and arrested.

72-year-old man duped of over Rs 14 lakh: Cops

EXPRESS NEWS SERVICE
AHMEDABAD, MAY 15

THE CYBER Crime Cell of Ahmedabad on Thursday registered a case of fraud after a 72-year-old man alleged that he was duped of Rs 14.12 lakh by an unidentified person who impersonated as employee of a digital payment firm.

According to police, Vinay Kumar Desai, a resident of Ambawadi in Ahmedabad, submitted a written complaint on Thursday stating that he lost Rs 14,12,192 from three bank accounts on March 14. As per his complaint, he received a message on his phone number, linked with his Paytm account on March 13 saying that his Paytm KYC has expired and he must call on a number to update it. "I realised the fraud on March 17 and informed the Cyber Crime Cell," said Desai.

The Cyber Crime Cell has registered a case against unidentified persons under Indian Penal Code sections 406 (punishment for criminal breach of trust) and 420 (cheating) and under the relevant sections of the Information Technology (Amendment) Act.

Police said a probe has been launched since March to track the phone number used to dupe him.

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहम्पूर
Indian Institute of Science Education and Research Berhampur
Established by the Ministry of HRD, Govt. of India

Adv. No. NT-01/20 Date: May 16, 2020

Recruitment Notice: Non-Teaching Positions

IISER Berhampur, an Institute of national importance established by the MHRD Govt. of India is looking for dedicated and committed candidates to fill-up the following vacancies through Direct Recruitment / Deputation.

S. No.	Name of the Post	Pay Level	Number of Post	Mode of recruitment
1.	Superintending Engineer (Group A)	13	01 Un-reserved	Direct Recruitment/ Depulation basis as per DoPT orders in vogue and on annual performance-based assessment process.
2.	Junior Translator (Group B)	06	01 Un-reserved	Direct Recruitment
3.	Office Assistant (Multi Skill) (Group C)	05	01 Un-reserved	Direct Recruitment

Commencement of Online application is on May 22, 2020 at 09.00 AM. Last date for submission of online application will be till 05.30 pm on June 11, 2020. Last date for receipt of hard copy of online-submitted application form by 05.30 pm on June 22, 2020. For details visit <https://www.iiserbpr.ac.in/Careers> > Staff Positions.

ATAL BIHARI VAJPAYEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY & MANAGEMENT, GWALIOR (An Institute of National Importance under Ministry of HRD, GOI)

Advertisement No: 2048 Date: 12.05.2020

Admission Notice for 2 Years Full-Time MBA Programmes (2020-2022)
ABV-IIITM, Gwalior is a premier institute set up by the Government of India with the objective of imparting quality education and conducting research in the areas of Management and Information Technology. The Institute is looking for bright candidates for following two years full-time management programmes:

- MBA
- MBA-Business Analytics

Eligibility: The Candidates must possess (i) valid CAT/MAT/CMAT/GMAT score, and (ii) first class or equivalent in any branch of engineering/ technology or Master degree in computer applications or masters degree in science, operation research, computer science, economics and commerce with mathematics or statistics at the bachelor level. Students appearing in the respective final examination are also eligible to apply provided they complete the graduation by the requisite schedule and marks. A relaxation of 5% in marks is provided to SC/ST candidates. The reservation for SC/ST/EWS etc. candidates is as per GoI norms.

Application Procedure: Candidates who fulfil the above stated eligibility criteria can apply to the above programmes at the ABV-IIITM, Gwalior, which are provided at institute website. The application fees for General and OBC candidates is Rs 1000/- and Rs. 250/- for SC/ST/PH/Female candidates to be paid through online payment link given on institute website. No application fees for J&K State and North East State applicants.

The selection process will be held in the following places: **Delhi and Gwalior**
Interested candidates may fill and submit online applications and also pay the required fee online latest by 29th May 2020. For further details please visit the institute website www.iiitm.ac.in. Mere fulfilment of the eligibility criteria does not entail the admission of any candidates in any of the management programmes.

John Registrar (Academics)

Public Notice

Ministry of Environment, Forest and Climate Change (MOEFCC), New Delhi, has granted Environmental Clearance (EC) vide F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020 to Adani Cementation Limited (ACL) for proposed integrated Cement project "Lakhat Cement Works", (Clinkerization Plant: 10MTPA, Cement Plant: 10MTPA with Captive Power Plant: 99MW [75MW CPP & 24MW WHRS], Desalination Plant: 9000KLD and Conveyor Corridor) in Village Mald, Mudhvay, Koriyani and Kapurasi of Taluka Lakhat, District Kutch (Gujarat). ACL has obtained Consent to Establish from Gujarat State Pollution Control Board dated 20.02.2019, which is valid upto 7 years.

Salient features of the project are asunder for the public information.

- Land:** Total land required for the proposed integrated project is 454.27ha (Cement Plant: 190.23ha, Limestone Mine: 251.9ha, Conveyor Corridor: 8.09ha and Desalination Plant: 4.05ha). Integrated project area consists of Agricultural Land (Pvt.): 142.076ha, Grazing Land: 1.7235ha, Forest Land: 2.6564ha and Unutilized Land (Govt.): 307.8163 ha. ACL has obtained in-principal approval for diversion of Forest land from MOEFCC.
- Sensitive Area:** The Eco Sensitive Zone of Narayan Sarovar Wildlife Sanctuary is located at around 3.8 km south of plant boundary. Wildlife Conservation Plan has been received from Chief Wildlife Warden, Gujarat
- Technology:** Dry process, Rotary Kiln System with Latest generation Clinker Cooler for Clinker production, Suitable latest technology Grinding Mills for Cement Production, Waste heat recovery power generation from Preheater and Cooler waste gases as well as CFBC boilers for Coal/Lignite/Petcoke based Captive Power plant.
- Raw Material:** Limestone, Silica sand, other corrective material as raw materials and Coal/Lignite/Petcoke as a fuel to produce Clinker. Gypsum, Flyash, Slag and Clinker to produce Cement and Coal/Lignite/Petcoke for power generation.
- Water:** Water requirement for the proposed project is 9000KLD, proposed to be met by installing sea water Desalination Plant.
- Estimated Cost:** Total estimated project cost is around Rs. 7525 Crores. Budget proposed for Environmental Protection Measures is estimated as Rs. 107 Crores (Capital) and Rs. 12 Crores (Annual). In line with OM dated 01.05.2018 of MOEFCC regarding Corporate Environment Responsibility Rs.46 Crores has been earmarked and allocated for relevant development programmes.
- Rehabilitation and Resettlement (R&R):** 17 nos. of Project Displaced Families, 154 nos. of Project Affected Families and 131 Household of 3 villages will be compensated under R&R
- Plantation and Wildlife Conservation Plan:** Around 63.9ha of plant area will be developed with plantation and greenbelt. Around Rs. 4.53 Cr is estimated for Wildlife Conservation Measure
- Decision of MOEFCC:** Based on recommendation of Expert Appraisal Committee (Industry-1) MOEFCC has accorded EC with following conditions:
 - Statutory Compliance:** Project Proponent (PP) shall obtain Forest Clearance, Clearance from National Board of Wildlife (if applicable), Consent To Establish/Consent To Operate, Permission from Central Ground Water Authority, Authorization under Hazardous and Other Waste Management Rules, 2016
 - Air Quality Monitoring and Preservation:**
 - PP shall install 24x7 Continuous Emission Monitoring System and connected to SPCB and CPCB online server.
 - PP shall carryout Continuous Ambient Air Quality Monitoring at four locations for parameters relevant to the pollutants released.
 - PP shall submit monthly summary report of Continuous Stack Emission and Air Quality monitoring results to Regional Office (RO) -MOEFCC, ZO-CPCB and RO-SPCB with six monthly monitoring report.
 - Water Quality Monitoring and Preservation:**
 - PP shall install Continuous Effluent Monitoring System as per standards and connected to SPCB and CPCB online server.
 - PP shall monitor ground water quality at least twice a year (Pre and Post Monsoon) at sufficient numbers of Piezometers/sampling well in the plant and adjacent area through recognised laboratory.
 - PP shall submit monthly summary report of Continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to RO-MOEFCC, ZO-CPCB and RO-SPCB along with six monthly monitoring report.
 - Adhere to 'Zero Liquid Discharge'.
 - Waste Management:**
 - Used refractories shall be recycled as far as possible.
 - Waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules 2016.
 - Green Belt:**
 - Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines.
 - PP shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.

EC letter is also available for public view on MOEFCC website. Copies of the EC has been send by ACL by email / registered post with acknowledgement to all village Panchayats office in 10KM radius area and to the following office of Government Authorities in the local area:

- The District Collector, Bhuj, Kutch District
- Regional Office, Kutch (West), Gujarat Pollution Control Board (GPCB)
- District Industry Centre, Bhuj, District Kutch
- District Development Office, Bhuj, District Kutch
- Taluka Development Office, Lakhat, District Kutch
- Mamladar Office, Dayapur, District Kutch

Environmental Clearance, letter is also available on website of AEL in download section at <https://www.adanienterprises.com/downloads>

Sd-
Authorised Signatory
Adani Cementation Limited

VADODARA History-sheeter taken for Covid test flees SSG hospital, nabbed

EXPRESS NEWS SERVICE
VADODARA, MAY 15

A HISTORY-SHEETER who fled the SSG hospital in Vadodara, where he was taken to undergo the test for Covid-19, was nabbed by the Dahod police near Jhalod on Friday afternoon.

The accused, Anil Gangwani, was caught in a joint operation by the Vadodara rural and Dahod police.

Gangwani was an accused in the murders of gangster Mukesh Harjani in Vadodara and Alpesh Chaka, a corporator from Anand. As many as 14 cases were registered against him under various charges including murder and possession of arms.

According to the police, Gangwani was detained on Thursday night under charges of the Prohibition Act by the Savli police. He was brought to the SSG hospital for a Covid-19 test as per protocols before formal arrest.

He was quarantined at the hospital as his results were awaited and two guards were deployed outside his ward. According to the police, around 3 am, Gangwani escaped from the ward. The police immediately formed teams to track him down and first nabbed his two accomplices, Kaushal Mishra and Sanjay Rathod, who had come to meet him at the ward. They told the police that Gangwani had left towards Dahod in his car with his mother and wife.

"We had immediately informed the Dahod police, who had alerted all the checkpoints. We had shared the specifications of the vehicle with the Dahod police. He was arrested near a checkpoint in Jhalod," a police officer said.

The accused has been named in the murders of gangster Mukesh Harjani in Vadodara and Alpesh Chaka, a corporator from Anand

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Annexure -

A n e en u n
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Ref: ACL/ENV/ACL/DC /05-20/02

14th May, 2020

To,
The District Collector
Collector Office, Taluka Bhuj
District Kutch, Gujarat-370001

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

As per the subject and reference cited above, Environment Clearance for said project
is granted by MoEF&CC dated 12th May 2020.

You may kindly note that the EC Condition Number 26-X(ii), page no. 9, reads that:

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proponents to the Heads of local bodies, Panchayats and Municipal Bodies in
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same for 30 days from the date of receipt."*

Hence, we are submitting the copy of the EC to your good office for your kind record
and display of the same at your office notice board for public view for 30 days.

Thanking you,

Yours faithfully,
For, Adani Cementation Limited
Authorized Signatory



Santosh Kumar Singh
Encl: As above

Adani Cementation Ltd.
Adani House
56, Shrimali Society, Navrangpura
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15/5/2020
15/5/2020
15/5/2020

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Ref: ACL/ENV/ACL/RO-GPCB/05-20/03

14th May, 2020

To,
The Regional Office, Kutch (West),
Gujarat Pollution Control Board (GPCB)
Bhuj-Kutch, Gujarat-370001

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

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Authorized Signatory



Santosh Kumar Singh
Encl: As above

MP
Sachin
Received 15/05/2020
Gujarat Pollution Control Board
Bhuj-Kutch.

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Ref: ACL/ENV/ACL/DDO/05-20/05

14th May, 2020

To,
The District Development Officer,
Taluka Bhuj,
District Kutch, Gujarat-370001

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpatt Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpatt, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

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Santosh Kumar Singh
Encl: As above

Handwritten signature and date: 15/5/2020

Handwritten text: રવાઈંગ ઓફિસ
જિલ્લા પંચાયત, સરગ-૦૫૭

Adani Cementation Ltd.
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Ref: ACL/ENV/ACL/DIC/05-20/04

14th May, 2020

To,
The General Manager,
District Industry Centre, Taluka Bhuj,
District Kutch, Gujarat-370001

Sub.: Submission of the Environment Clearance (EC) of integrated cement project "**Lakhpat Cement Works**" of **Adani Cementation Limited (ACL)** located at village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch (Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

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Authorized Signatory



Santosh Kumar Singh
Encl: As above

15/5/20
Santosh Singh
15/5/20
15/5/20

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Ref: ACL/ENV/ACL/MS-GPCB/05-20/08

14th May, 2020

To,
The Member Secretary,
Gujarat Pollution Control Board (GPCB)
District Gandhinagar, Gujarat-382010

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
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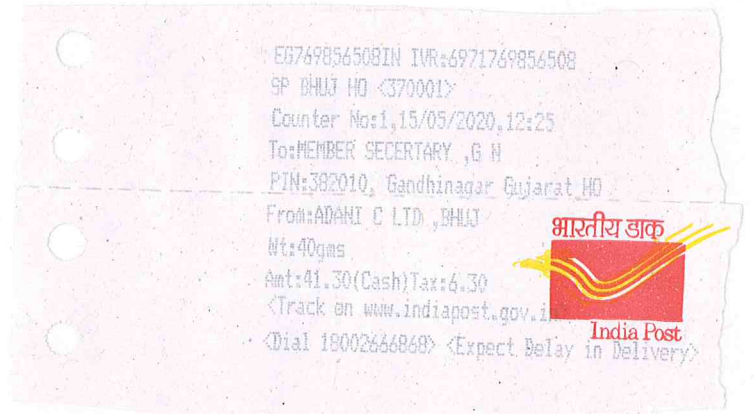
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Authorized Signatory



Santosh Kumar Singh
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Ref: ACL/ENV/ACL/RO-MOEFCC/05-20/07

14th May, 2020

To,
The Additional Principal Chief Conservator of Forest (C),
Ministry of Environment, Forest & Climate Change,
Regional Office, West Zone, E5-Kendriya Paryavaran Bhavan,
E5, Arera Colony, Link Road – 3, Ravi Shankar Nagar
Bhopal – 462016 (Madhya Pradesh)

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

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**For, Adani Cementation Limited
Authorized Signatory**



Santosh Kumar Singh
Encl: As above



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Ref: ACL/ENV/ACL/Mamladar-Dayapar/05-20/21

14th May, 2020

To,
The Mamladar,
Mamladar Office, Dayapar,
Taluka Lakhpat, District Kutch (Gujarat)

Sub.: Submission of the Environment Clearance (EC) of integrated cement project "Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch (Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

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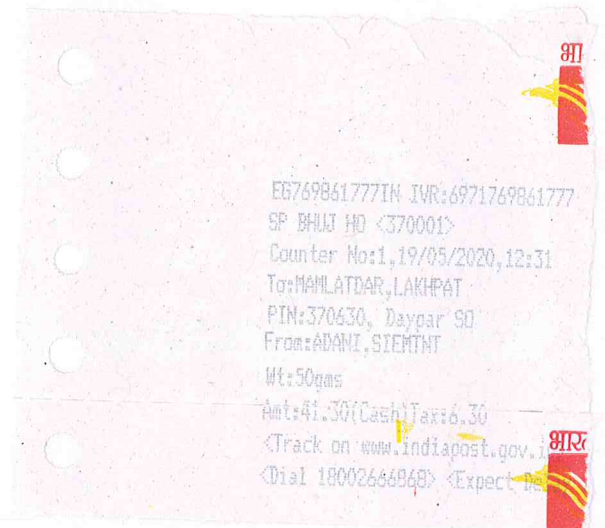
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Authorized Signatory



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Ref: ACL/ENV/ACL/TDO/05-20/06

14th May, 2020

To,
The Taluka Development Officer,
Taluka Lakhpat,
District Kutch, Gujarat-370001

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
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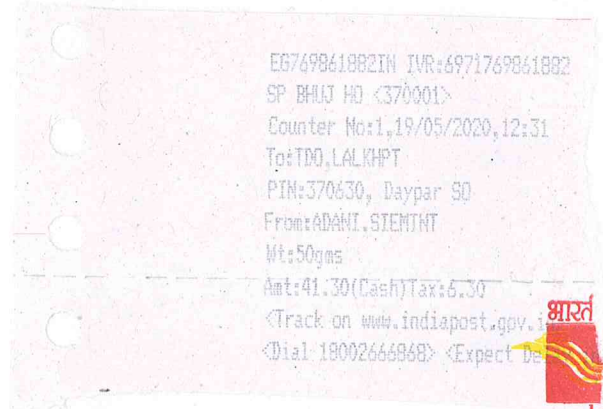
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Authorized Signatory



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Registered Office: Adani House, 56, Shrimali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India



Ref: ACL/ENV/ACL/GP-Chernani/05-20/09

14th May, 2020

To,
The Talahti / Mantri Shri,
Chernani Juth Gram Panchayat
Village & Gram Panchayat: Chernani,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
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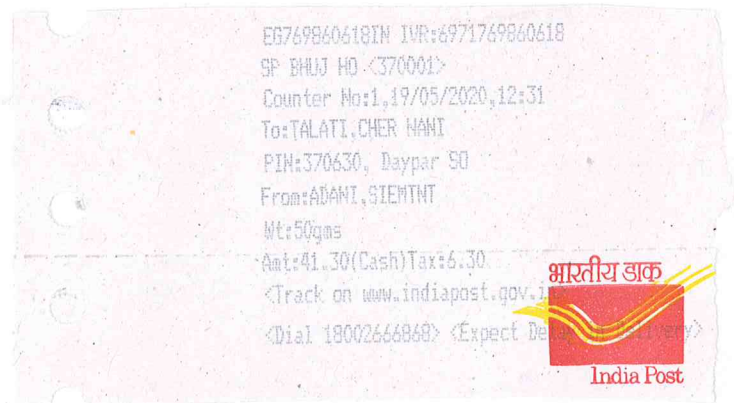
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Yours faithfully,
**For, Adani Cementation Limited
Authorized Signatory**

Santosh Kumar Singh
Encl: As above



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adani™

Ref: ACL/ENV/ACL/GP-Narayan Sarovar/05-20/10

14th May, 2020

To,
The Talahti / Mantri Shri,
Narayan Sarovar Juth Gram Panchayat
Village & Gram Panchayat: Narayan Sarovar,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
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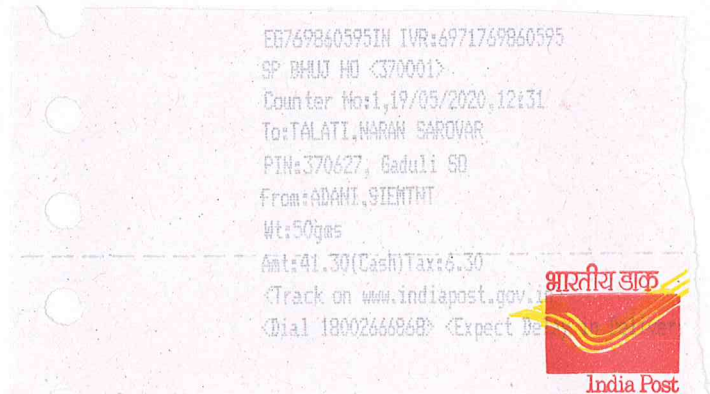
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Authorized Signatory



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Ref: ACL/ENV/ACL/GP-Pandhro/05-20/11

14th May, 2020

To,
The Talahti/Manti Shri,
Pandhro Gram Panchayat
Village & Gram Panchayat: Pandhro,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project "**Lakhpat Cement Works**" of **Adani Cementation Limited (ACL)** located at village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch (Gujarat).

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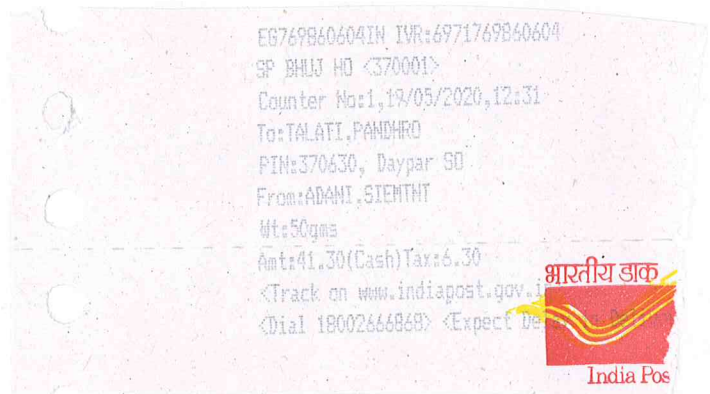
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Authorized Signatory



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Ref: ACL/ENV/ACL/GP-Mindhiari/05-20/12

14th May, 2020

To,
The Talahti/Manti Shri,
Mindhiari Juth Gram Panchayat
Village & Gram Panchayat: Mindhiari,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project "**Lakhpat Cement Works**" of **Adani Cementation Limited (ACL)** located at village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch (Gujarat).

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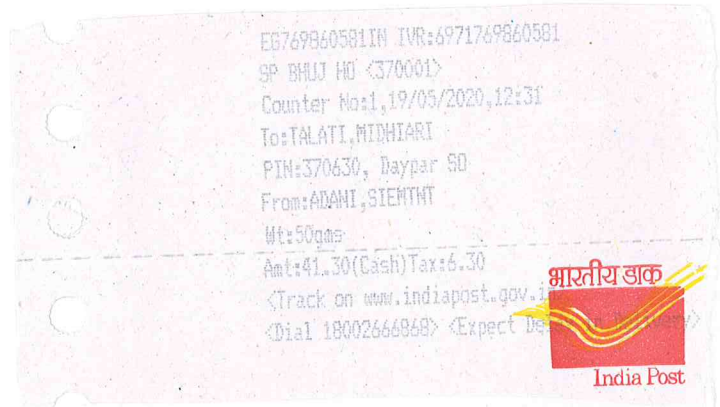
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Ref: ACL/ENV/ACL/GP-Koriyani/05-20/13

14th May, 2020

To,
The Talahti/Manti Shri,
Koriyani Juth Gram Panchayat
Village & Gram Panchayat: Koriyani,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project "**Lakhpat Cement Works**" of **Adani Cementation Limited (ACL)** located at village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch (Gujarat).

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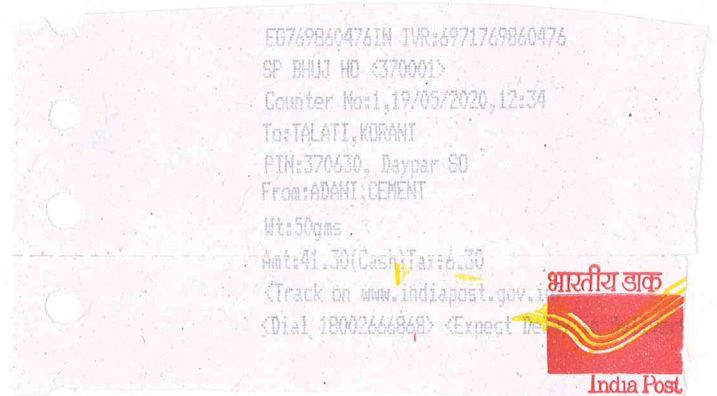
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Ref: ACL/ENV/ACL/GP-Kapurasi/05-20/14

14th May, 2020

To,
The Talahti/Manti Shri,
Kapurasi Gram Panchayat
Village & Gram Panchayat: Kapurasi,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

As per the subject and reference cited above, Environment Clearance for said project
is granted by MoEF&CC dated 12th May 2020.

You may kindly note that the EC Condition Number 26-X(ii), page no. 9, reads that:

*"The copies of the environment clearances shall be submitted by the project
proponents to the Heads of local bodies, Panchayats and Municipal Bodies in
addition to the relevant offices of the Government who in turns has to display the
same for 30 days from the date of receipt."*

Hence, we are submitting the copy of the EC to your good office for your kind record
and display of the same at your office notice board for public view for 30 days.

Thanking you,

Yours faithfully,
**For, Adani Cementation Limited
Authorized Signatory**



Santosh Kumar Singh
Encl: As above



Adani Cementation Ltd.
Adani House
56, Shrimali Society, Navrangpura
Ahmedabad 380 009
Gujarat, India
CIN: U74999GJ2016PLC094589

Tel +91 79 2555 5555
Fax +91 79 2555 5500
info@adani.com
www.adani.com

Registered Office: Adani House, 56, Shrimali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India.

adani™

Ref: ACL/ENV/ACL/GP-Fulra/05-20/15

14th May, 2020

To,
The Talahti/Manti Shri,
Fulra Juth Gram Panchayat
Village & Gram Panchayat: Fulra,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project "**Lakhpat Cement Works**" of **Adani Cementation Limited (ACL)** located at village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch (Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

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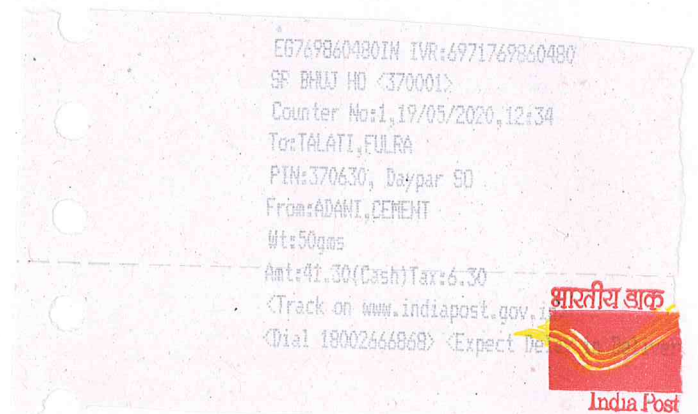
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Thanking you,

Yours faithfully,
For, Adani Cementation Limited
Authorized Signatory



Santosh Kumar Singh
Encl: As above



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Ref: ACL/ENV/ACL/GP-Subhashpar/05-20/16

14th May, 2020

To,
The Talahti/Manti Shri,
Subhashpar Juth Gram Panchayat
Village & Gram Panchayat: Subhashpar,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

As per the subject and reference cited above, Environment Clearance for said project is granted by MoEF&CC dated 12th May 2020.

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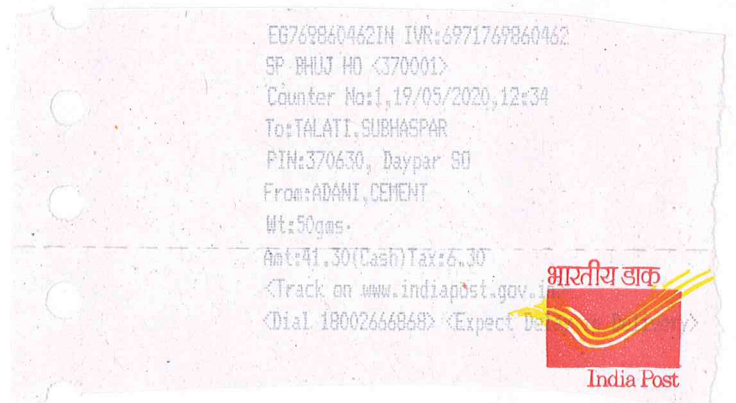
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Thanking you,

Yours faithfully,
For, Adani Cementation Limited
Authorized Signatory



Santosh Kumar Singh
Encl: As above



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Adani House
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Ref: ACL/ENV/ACL/GP-Guneri/05-20/17

14th May, 2020

To,
The Talahti/Manti Shri,
Guneri Juth Gram Panchayat
Village & Gram Panchayat: Guneri,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

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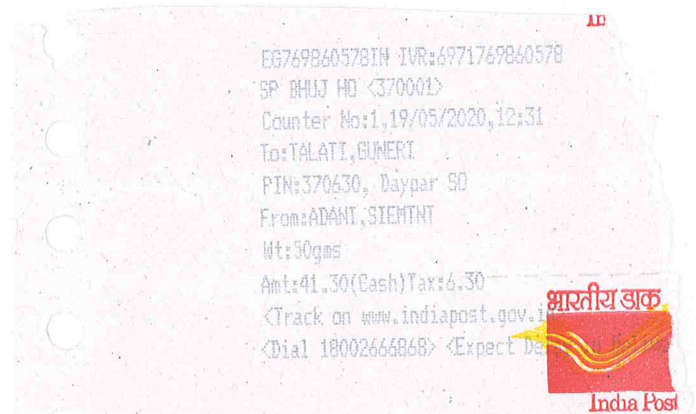
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Thanking you,

Yours faithfully,
For, Adani Cementation Limited
Authorized Signatory



Santosh Kumar Singh
Encl: As above



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Adani House
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info@adani.com
www.adani.com

Registered Office: Adani House, 56, Shrimali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India

adani[®]

Ref: ACL/ENV/ACL/GP-Lakhpat/05-20/18

14th May, 2020

To,
The Talahti/Mānti Shri,
Lakhpat Juth Gram Panchayat
Village & Gram Panchayat: Lakhpat,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

Dear Sir,

As per the subject and reference cited above, Environment Clearance for said project
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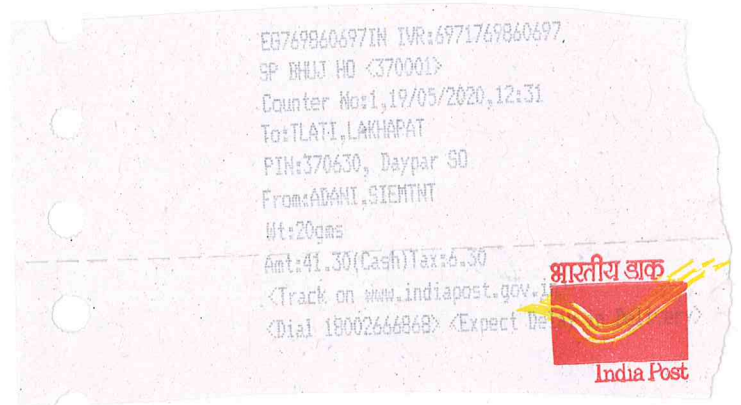
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Thanking you,

Yours faithfully,
**For, Adani Cementation Limited
Authorized Signatory**



Santosh Kumar Singh
Encl: As above



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Ref: ACL/ENV/ACL/GP-Punrajpur/05-20/19

14th May, 2020

To,
The Talahti/Manti Shri,
Punrajpur Juth Gram Panchayat
Village & Gram Panchayat: Punrajpur,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

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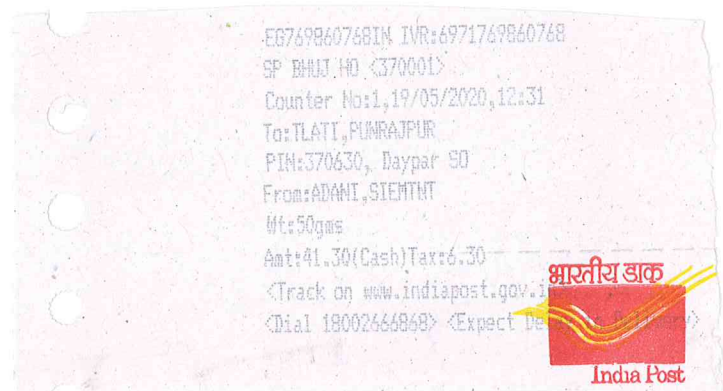
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Thanking you,

Yours faithfully,
**For, Adani Cementation Limited
Authorized Signatory**



**Santosh Kumar Singh
Encl: As above**



Adani Cementation Ltd.
Adani House
56, Shrimali Society, Navrangpura
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Registered Office: Adani House, 56, Shrimali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India

adani™

Ref: ACL/ENV/ACL/GP-Mudiya/05-20/20

14th May, 2020

To,
The Talahti/Manti Shri,
Mudiya Juth Gram Panchayat
Village & Gram Panchayat: Mudiya,
Taluka Lakhpat, Gujarat

Sub.: Submission of the Environment Clearance (EC) of integrated cement project
"Lakhpat Cement Works" of Adani Cementation Limited (ACL) located at
village Maldo, Mudhvay, Koriyani and Kapurasi of Taluka Lakhpat, District Kutch
(Gujarat).

Ref.: EC Letter No.: F. No. J-11011/494/2017-IA.II(I) dated 12.05.2020

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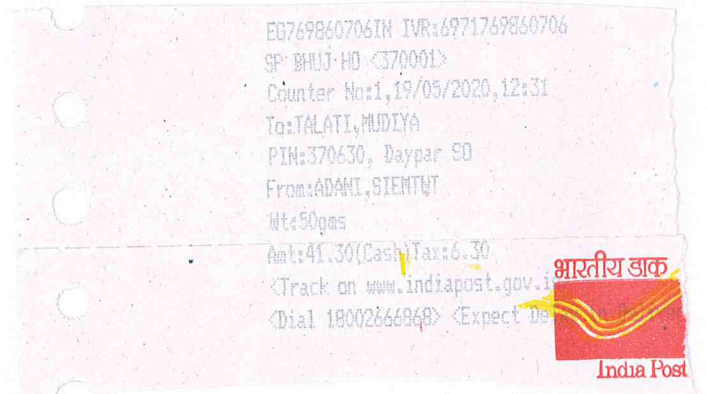
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For, Adani Cementation Limited
Authorized Signatory



Santosh Kumar Singh
Encl: As above



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Registered Office: Adani House, 56, Shrimali Society, Navrangpura, Ahmedabad 380 009, Gujarat, India

Annexure - 7

No. WLP/T.32/C/ 986 /2019-20
Office of the Principal Conservator of
Forests (Wildlife)
B/1, Aranya Bhavan, Sector - 10/A,
Gujarat State, Gandhinagar,
Phone No. 079-23254125,
Email: - cwlguj@gmail.com
Date: 29 /01/2020

To,
Shree Umesh Nayak,
Vice President, Corporate affairs,
M/s Adani Cementation Ltd.
Adani House,
56 Srimali Society, Navarngpura,
Ahmedabad-380 009

Sub: - Request for approval of Wildlife Conservation plan for integrated cement plant and Limestone mining of Adani Cementation Limited at village Mudhvay, Maldo, Koriyani and Kapurasin in Tehsil Lakhpat, District Kutch, Gujarat.

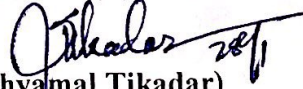
Ref: - Your letter no. ACL/NOC-CWLW-Gandhinagar/LCW/12-19/05, dt. 11.12.2019 and no. ACL/NOC-CWLW-Gandhinagar/LCW/12-19/11, dt. 18.12.2019

Dear Sir,

Vide letter under reference, we have received "Conservation Plan" for integrated cement plant and limestone mining at Lakhpat Kutch, Gujarat through CCF, Kutch for final approval. The said plan is approved in-principally and is under consideration for finalizing the modalities of execution in consultation with local field officers and user agency. Principally we agree with the mitigation measures and activities for conservation of flora and fauna suggested in the plan. The final approval to the conservation plan will be issued as early as possible.

Thanking you,

Sincerely yours,


(Shyamal Tikadar)

PCCF, WL &

Chief Wildlife Warden
Gujarat State, Gandinagar

Annexure - 8



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Mudhvay Limestone Mine Sub Block C Of Lakhpat Cement Works		
Project Address:	Mudhvay Limestone stone Mine Sub Block -c		
Village:	Mundhvay	Block:	Lakhpat
District:	Kachchh	State:	Gujarat
Pin Code:			
Communication Address:	10a Sambhav House, Judges Bungalow Road, Bodakdev, Ahmadabad City, Ahmadabad, Gujarat - 380015		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

1. NOC No.:	CGWA/NOC/MIN/ORIG/2019/5864											
2. Application No.:	21-4/4138/GJ/MIN/2018				3. Category:	Safe						
					(GWRE 2020)							
4. Project Status:	New Project				5. NOC Type:	Extension						
6. Valid from:	13/08/2021				7. Valid up to:	12/08/2023						
8. Ground Water Abstraction Permitted:												
	Fresh Water		Saline Water		Dewatering		Total					
	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day m ³ /year					
	0.00	0.00			500.00	182500.00	500.00 182500.00					
9. Details of ground water abstraction /Dewatering structures												
	Total Existing No.:0						Total Proposed No.:1					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	0	0	0	0	1	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):	365000 (up to 12.8.2023)											
11. Number of Piezometers (Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers				Monitoring Mechanism							
					Manual	DWLR**	DWLR With Telemetry					
**DWLR - Digital Water Level Recorder	1				0	1	0					

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

Validity of this NOC shall be subject to compliance of the following mandatory conditions:

- 1) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 2) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 3) All new as well as existing ground water abstraction/ de-watering structures shall be fitted with digital water flow meters by the firm at its own cost immediately on completion of their construction or grant of NOC as the case may be. In case of renewal of NOCs, all existing ground water abstraction structures shall continue to be fitted with digital water flow meters. Intimation of installation of flow meters shall be sent by the proponent to the Regional Director of CGWB within 6 months of grant of NOC. Daily ground water abstraction data shall be monitored / continue to be monitored (in case of renewal) by the firm and recorded in a log book. Details of month-wise ground water abstraction shall be submitted to the Regional Director, CGWB, once every year.
- 4) In case the ground water abstraction is more than 10 m³/day, monthly water level monitoring data shall be maintained and submitted annually to the Regional Office of CGWB. Wherever groundwater withdrawal is more than 500 m³/day, the firm shall install telemetry system in one of the piezometers and share USER ID and password of the telemetry system with the Regional Director, CGWB.
- 5) In case ground water abstraction is more than 10 m³/day, ground water quality shall be monitored once in a year (during pre- monsoon period) and the report submitted to the Regional Office, CGWB. Wherever the extraction is less than 10 m³/day, ground water quality report shall be submitted by the proponent at the time of submission of self-compliance report.
- 6) Ground water augmentation measures, as stipulated in the NOC, shall be implemented (in new cases) / continue to be maintained (in case of renewal) in consultation with the concerned Regional Director, CGWB.
- 7) Proof of recharge/water harvesting structures constructed (photographs of structures) shall be submitted to the concerned Regional Director, CGWB within 6 months from the date of issue of NOC. The firm shall also undertake periodic maintenance of recharge structures at its own cost.
- 8) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 9) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 10) The firm shall optimize water use through recycling/ reuse of waste water after proper treatment.
- 11) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 12) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 13) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 14) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 15) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.
- 16) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 17) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 18) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 19) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण

Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s Mudhvay Limestone Mine Sub Block C of Lakhpatt Cement Works		
Project Address:	Mudhvay Limestone Mine Sub Block -C		
Village:	Mudhvay	Taluka:	Lakhpatt
District:	Kachchh	State:	Gujarat
Pin Code:	370601		
Communication Address:	10 A Sambhav House, Bodakdev, Taluka - Ahmadabad City, District - Ahmadabad, Gujarat - 380015		
Address of CGWB Regional Office :	Central Ground Water Board, West Central Region, Swami Narayan College Building, Shah Alam Tolnaka, Ahmedabad, Gujarat – 380022		

1. NOC No.:	CGWA/NOC/MIN/ORIG/2019/5864									
2. Application No.:	21-4/4138/GJ/MIN/2018			3. Category:	Mining					
4. Project Status:	New Project			5. NOC Type:	New					
6. Valid from:	13/08/2019			7. Valid up to:	12/08/2021					
8. Ground Water Abstraction Permitted:										
Fresh Water		Saline Water		Dewatering		Total				
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year			
				500	182500	500	182500			
9. Details of ground water abstraction /Dewatering structures										
Total Existing No.:0					Total Proposed No.:1					
	DW	DCB	BW	TW	MP	DW	DCB	BW	TW	MP
Abstraction Structure*	0	0	0	0	0	0	0	0	0	1
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit										
10. Quantum of ground water recharge/harvesting (m ³ /year):	107250									
11. Number of Piezometers (Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers		Monitoring Mechanism							
			Manual	DWLR**	DWLR With Telemetry					
**DWLR - Digital Water Level Recorder	1		0	1	0					

(Compliance Conditions given overleaf)

Digitally signed by
NANDAKUMARAN P
Date: 2019.09.06 14:34:33 +05'30'

Member (CGWA)

18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

स्वच्छ सुरक्षित जल - खुशहाल कल
CONSERVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following mandatory conditions:

1. No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
2. The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
3. All ground water abstraction/ de-watering structures shall be fitted/continue to be fitted with digital water flow meters by the firm at its own cost. Daily ground water abstraction data shall be monitored / continue to be monitored (in case of renewal) by the firm and recorded in a log book. Details of month-wise ground water abstraction shall be submitted to the Regional Director, CGWB on annual basis.
4. In case the ground water abstraction is more than 10 m³/day, monthly water level monitoring data shall be maintained and submitted annually to the Regional Office of CGWB. Wherever groundwater withdrawal is more than 500 m³/day, the firm shall install telemetry system in one of the piezometers and share USER ID and password of the telemetry system with the Regional Director, CGWB.
5. In case ground water abstraction is more than 10 m³/day, ground water quality shall be monitored once in a year (during pre- monsoon period) and the report submitted to the Regional Director, CGWB.
6. Ground water augmentation/harvesting measures, as stipulated in the NOC, shall be implemented (in new cases) / continue to be maintained (in case of renewal) in consultation with the Regional Director, CGWB.
7. Proof of recharge/ water harvesting (photographs of structures constructed) shall be submitted to the Regional Director, CGWB. The firm shall also undertake periodic maintenance of recharge/water harvesting structures at its own cost.
8. The firm shall optimize water use through recycling/ reuse of waste water after proper treatment.
9. The project proponent shall take all necessary measures to prevent contamination of ground water in the premises, failing which the firm shall be responsible for any consequences arising thereupon.
10. In case of industries likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
11. Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
12. In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
13. Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the Regional Director, Central Ground Water Board.
14. The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
15. This NOC is subject to prevailing Central/ State Government rules/ laws/ norms or Court orders related to construction of tube well/ ground water abstraction structure/ recharge or conservation structure/discharge of effluents or any such matter as applicable.
16. This NOC does not absolve the proponents of their obligation/ requirement to obtain other statutory and administrative clearances from appropriate authorities.
17. The issue of this NOC does not imply that other statutory/ administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
18. This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/ court orders in cases related to ground water or any other related matters.
19. Application for renewal can be submitted online from 90 days before the expiry of NOC. Application for renewal of expired NOCs shall not be entertained and subsequent ground water withdrawal, if any, shall be illegal & liable for legal action as per provisions of Environment Protection Act (EPA), 1986.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)