

# Environmental and Social Due Diligence Report

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Project Number: 47083-004  
September 2021

## INDIA: Accelerating Infrastructure Investment Facility in India – Tranche 3

Ashoka Ankleshwar Manubar Expressway Private Limited (Part 2 of 24)

Prepared by India Infrastructure Finance Company Limited for the India Infrastructure Finance Company Limited and the Asian Development Bank.

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**F.No.10-57/2013-IA.III**

Government of India  
Ministry of Environment, Forest & Climate Change  
(IA.III Section)

Indira Paryavaran Bhawan,  
Jor Bagh Road,  
New Delhi - 110003

Dated: 11<sup>th</sup> February, 2015

To

The Chief General Manager (LA),  
National Highways Authority of India,  
G- 5&6, Sector - 10, Dwarka,  
**New Delhi** - 110075

**Sub: 'Development of Vadodara - Mumbai Expressway' (Phase-I) in the States of Gujarat, Dadra & Nagar Haveli and Maharashtra by National Highways Authority of India - Environmental and CRZ Clearance - reg.**

Sir,

This has reference to your application No.1013/1/2k/Env./257 dated 04.11.2015, submitted the above proposal to this Ministry for grant of Environment Clearance (EC) in term of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 and Coastal Regulation Zone (CRZ) Notification, 2011 under the Environment (Protection) Act, 1986.

2. The proposal for **'Development of Vadodara - Mumbai Expressway' (Phase I) from km 104.700 (km 390.864 of NH-8) to km 378.722 (km 80.00 of NE-1 in the States of Gujarat, Dadra & Nagar Haveli and Maharashtra by National Highways Authority of India** was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone Building/ Construction and Miscellaneous projects, in its 154<sup>th</sup> meeting held on 22-23 December, 2015.

3. The details of the project, as per the documents submitted by the project proponents (PP), and also as informed during the above said EAC meeting, are reported to be as under:-

(i) Earlier, the ToR was accorded to the project vide letter No.10-57/2013-IA-II dated 14.11.2013.

(ii) The proposal involves development of Vadodara - Mumbai Expressway (Phase-I) from km 104.700 (km 390.864 of NH-8) to km 378.722 (km 80.00 of NE-1) in the States of Gujarat, Dadra & Nagar Haveli and Maharashtra by National Highways Authority of India.

(iii) The project proposal includes construction of new 6/8 lane expressway having total length of 274.022 kms and proposed Right of Way is 100/120 m for Phase-I of the project road. The project road passes through plain & rolling terrain of districts of Vadodara, Bharuch, Surat, Navsari, Valsad in the state of Gujarat (260.4 kms), Union Territory of Dadra & Nagar Haveli (5.5 kms) and district of Thane in the state of Maharashtra (8.1 kms).

(iv) A length of 1.273 km (km 283+800 to km 285+166) falls in Coastal Regulation Zone (CRZ) across Narmada River in Bharuch district of Gujarat that has been recommended by Gujarat Coastal Zone Management Authority. There is no Mangrove area affected within CRZ. Area falling in CRZ I(B) is 1.639 ha, CRZ II

is 4.434 ha and CRZ IV (water body) is 9.050 ha where road will be elevated on viaduct. Land acquisition shall be done for 15.22 Ha. However, the area will not be disturbed except for erection of pillars.

(v) Land use pattern along the project road is predominantly agricultural (90.38%) followed by settlements (3.74%), Barren land (3%), water bodies (2.16%) and vegetation (0.5%).

(vi) The project requires approximate 3444.8529 ha (3229.8739 ha in Gujarat, 77.991 ha in Dadra & Nagar Haveli and 136.988 ha in Maharashtra) of land to be acquired including forest area of 96.403 ha.

(vii) **Forest land:** Total 96.403 ha of forest land involved in the project which includes 52.48 ha (Reserved forest) in Maharashtra, 43.38 Ha (Village forest of 13.53 ha in Ankla & protected forest) in Gujarat and 0.543 ha (protected forest) in Dadra & Nagar Haveli.

(viii) Proposed configuration of the road includes 15 m carriageway, 3 m paved shoulder and 3 m earthen shoulder on either side and 12 m depressed median for 8-lane. In case of 6-lane, it includes 19.5 m depressed median, 11.25 m carriageway, 3 m paved shoulder and 3 m earthen shoulder. The proposal includes construction of 27 major bridges (including canal bridges), 115 minor bridges (including canal & utility bridges), 623 culverts, 53 VUPs, 18 Flyovers, 102 pedestrian, 184 cattle underpasses, 24 Toll plazas, 30.605 km service road, 6 truck parking bays and 11 grade separated junctions. Median drain, shoulder drain (both side) and toe drain (both side) has been proposed all along the road. No bypass is proposed as it's a green field project.

(ix) **Water bodies:** The major rivers crossing the project road are Daman Ganga, Kolak River, Par River, Kaveri, Tapi, Gondawa, Narmada, Dadar and Meni River etc.

(x) **Trees cutting:** Total 30,786 trees are likely to be felled within proposed Right of Way. However, those trees will only be cut which are directly impinging on the construction work. Main species are Khair, Sheesam, Sagwan (Teak), Chandan and Mahuwa trees.

(xi) **Water requirement:** Total water requirement for 36 months of construction period is 7000 KLD. (Preferably from Gujarat Industrial Development Corporation and also from ground and surface water).

(xii) **Solid Waste Management:** 60 kg/day domestic solid waste is to be generated from the labour camps of 300 labour during construction. During Construction phase, domestic waste will be produced from labour camps which will be disposed as per established rules. During operation phase, the domestic/ commercial waste will be generated during operation phase from way side amenities, toll plazas, which will be handled as per established rules.

(xiii) **Hazardous Waste Management:** Used oil and lubricants will be produced which will be temporarily stored and sold to the recycler.

(xiv) 12 million cum of Aggregates, 47 lakh MT sand, 37 lakh MT Cement, 2126 MT bitumen, and 30 million cum of soil is estimated to be required for construction of road. The construction material will be sourced from government approved quarries and borrow areas identified along the project road. Approximately, 2 million cum of fly ash is proposed to be used in the embankment.

(xv) Approximately, 39 religious property 109 community properties, 92 Govt. and 1109 private properties are likely to get affected due to proposed development. There are 1109 PAHs and 2587 PAPs (51.06% males and 48.94% females).

(xvi) **SCZMA Approval:** The Gujarat Coastal Zone Management Authority has recommended the project vide their letter No.ENV-10-2011-373-E dated 27.03.2012.

(xvii) **Investment/Cost:** The EMP budget is Rs.15.65 crores including EMP cost (Rs.16.89 lacs). The R&R cost is Rs.3305.366 crores whereas the total project cost is approximately Rs.14203.36 Crores.

(xviii) **Wildlife issues:** The project road falls within 10 km of Dadra & Nagar Haveli Wildlife Sanctuary at km 115 and the nearest distance is 260 m.

(xix) **Critically Polluted Area:** The project falls within 10 km of critically polluted areas of Vapi and Ankleshwar. However the project has no impact on them as Vapi is 7.5 km and Ankleshwar is 4.6 km away from the project.

(xx) **Public Hearing:** Public Hearing was conducted on 24.02.2014 in District Bharuch, 25.02.2014 in District Vadodara, 21.02.2014 in District Surat, 28.02.2014 in District Navsari, 18.02.2014 in District Valsad, 07.03.2014 in District Silvassa and on 01.12.2014 in District Palghar.

(xxi) **Employment potential:** Direct and indirect employment.

(xxii) **Benefits of the project:** Improved quality of life of the area, increased road safety, development of local industry, agriculture and handicrafts etc.

4. The EAC in its 154<sup>th</sup> meeting held on 22-23 December, 2015, has recommended the project for grant of Environmental and CRZ Clearance. As per recommendations of the EAC, the Ministry of Environment, Forest & Climate Change hereby accords Environmental and CRZ Clearance to the above-mentioned project **'Development of Vadodara - Mumbai Expressway' (Phase-I) from km 104.700 (km 390.864 of NH-8) to km 378.722 (km 80.00 of NE-1) in the States of Gujarat, Dadra & Nagar Haveli and Maharashtra by National Highways Authority of India** under the provisions of the EIA Notification, 2006 and the CRZ Notification, 2011 and amendments thereto and circulars issued thereon and subject to the compliance of the specific and general conditions as below:

#### **PART A - SPECIFIC CONDITIONS**

- (i) The development shall strictly be as per the provisions of the CRZ Notification, 2011. The project shall not affect the coastal ecology of the area including flora and fauna.
- (ii) The project proponent shall ensure that there is no destruction of mangrove near the project site during the construction as well as the operation phase of the project.
- (iii) There shall be no dressing or alteration of the sand dunes, natural features including landscape changes for beautification, recreation and other such purpose.
- (iv) All the conditions stipulated by Gujarat Coastal Zone Management Authority vide their letter No.ENV-10-2011-373-E dated 27.03.2012, shall be strictly complied with.
- (v) There shall be no ground water drawl within CRZ.
- (vi) The project proponent shall obtain necessary permission from concerned authorities for their proposed construction.
- (vii) Rehabilitation of project affected families shall be carried out as per the extant policy of the Central/State Government, as provided under the law.
- (viii) The proposal indicates the diversion of 96.403 ha of forest land in the Maharashtra, Gujarat and Dadra & Nagar Haveli, for which the proponent shall obtain the requisite Forest Clearance. The project may be executed in the entire stretch in non-forest land, and while making application to get the Forest Clearance, the execution of work on non-forest land shall not be cited as a reason for grant of FC and in case FC is declined, the forest land shall be maintained at its existing condition. The project proponent shall submit an

undertaking to this effect at the earliest to the concerned Regional Office to this Ministry.

- (ix) The environmental clearance is subject to obtaining prior clearance from wildlife angle including clearance from the Standing Committee of the National Board for Wildlife as applicable. Grant of environmental clearance does not necessarily implies that Wildlife Clearance shall be granted to the project and that their proposals for Wildlife Clearance shall be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment, Forest & Climate Change shall not be responsible in this regard in any manner.
- (x) All entry/exit/access points on this highway shall be appropriately designed and preferably frozen to avoid traffic congestion and pollution, defeating the very purpose of this expensive project.
- (xi) It is indicated that 30,786 nos. of trees fall within the proposed RoW, however, bare minimum trees should be cut and information of the same should be provided. Necessary permission from competent authority shall be obtained for tree cutting. Necessary compensatory plantation shall be carried out and cost provision should be made for regular maintenance.
- (xii) Minimum of three times the number of trees to be cut shall be planted. It shall be ensured that the trees planted as a part of the afforestation shall be looked after by NHAI. Tree plantation shall be of the same species/local species and survival shall be monitored. Transplantation of trees shall be carried out wherever possible. The tree plantation shall be taken up on the extreme end of the road.
- (xiii) Rain water harvesting including oil and grease trap shall be provided. Water harvesting structures shall be located at every 500m along the road. Vertical drain type rainwater harvesting structures shall be set up to minimize surface runoff losses of rainwater.
- (xiv) R&R shall be as per the guidelines of NHAI/State/Central Government whichever is higher.
- (xv) IRC guidelines shall be followed for widening & up-gradation of road.
- (xvi) All the recommendations of the EMP shall be complied within letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEFCC along with half yearly compliance report to MoEFCC-RO.
- (xvii) Green belt development shall be undertaken as suggested in EMP.
- (xviii) The seismic nature of the area shall be taken into account while designing the project.
- (xix) The project proponent shall obtain necessary permission from the State Irrigation Department before drawing water from the river sources for the purpose of the proposed construction activity.
- (xx) Sidewalk shall be provided along the bridges.



- (xxi) The drain shall be at least 1 m. away from the toe of the embankment of the road adopting IRC guidelines.
- (xxii) Longitudinal drains shall be provided all along the project road to ensure proper drainage of the area. In addition, adequate number of under passes and culverts to act as cross drainage structures shall also be provided.
- (xxiii) The solid waste generated shall be used for rehabilitating the borrow areas.
- (xxiv) For providing safety to the crossing animals and avoid road accidents speed breakers/rumbled strips shall be constructed at the identified locations of the animal movements. Enough hoardings and signages shall also be put up for the public and vehicles convenience.
- (xxv) Necessary clearance from the State Government shall be obtained for extraction of sand from the rivers.
- (xxvi) Proper signage shall be installed at appropriate locations for the convenience of the traffic movement.
- (xxvii) The embankments/slopes and the slopes left after cutting shall be provided with vegetative turning to avoid soil erosion.
- (xxviii) The hot mix plant shall be located at least 500m away from habitation and on the barren land to avoid its adverse impact on the human population.
- (xxix) Rehabilitation and payment of compensation to the project affected people (PAPs) shall be made as per the policy of the State Government.
- (xxx) Noise barriers shall be provided at appropriate locations particularly in the areas where the alignment passes through inhabited areas so as to ensure that the noise levels do not exceed the prescribed standards.
- (xxxi) For road safety, IRC guidelines in respect of road signages, service roads, bus bays, inter-sections, pedestrians crossings, etc. shall be strictly adhered to.
- (xxxii) The responses/commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A hard copy of the action taken shall be submitted to the Ministry.
- (xxxiii) Corporate Environment Responsibility:
  - a. The Company shall have a well laid down Environment Policy approved by the Board of Directors.
  - b. The Environment Policy shall prescribe for standard operating process, procedures to bring into focus any infringements/ deviation/violation of the environmental or forest norms/ conditions.
  - c. The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
  - d. To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/ violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

## **PART B – GENERAL CONDITIONS**

- (i) Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.

- (ii) Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.
- (iii) Borrow sites for each quarry sites for road construction material and dump sites must be identified keeping in view the following:
  - (a) No excavation or dumping on private property is carried out without written consent of the owner.
  - (b) No excavation or dumping shall be allowed on wetlands, forest areas or other ecologically valuable or sensitive locations.
  - (c) Excavation work shall be done in close consultation with the Soil Conservation and Watershed Development Agencies working in the area, and
  - (d) Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such materials must be secured so that they shall not leach into the ground water.
- (iv) The construction material shall be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority shall be obtained in this regard.
- (v) Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.
- (vi) Borrow pits and other scars created during the road construction shall be properly levelled and treated.
- (vii) Adequate financial provision must be made in the project to implement the aforesaid safeguards.
- (viii) The project proponent will set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
- (ix) Full support shall be extended to the officers of this Ministry/ Regional Office by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
- (x) A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (xi) Ministry of Environment, Forest & Climate Change (MoEFCC) or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
- (xii) The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.
- (xiii) In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the MoEFCC.




- (xiv) The project proponents shall inform the Regional Offices as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- (xv) A copy of the clearance letter shall be marked to concerned Panchayat/ local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.
- (xvi) Safety provision such as bus bays, service roads intersection improvement etc., will be carried out by the project proponent. The project proponent shall provide adequate facilities as per IRC norms/ guidelines.
- (xvii) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Boards. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- (xviii) The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
5. The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification 2006, including the amendments and rules made thereafter.
6. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
7. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental and CRZ Clearance and copies of clearance letters are available with the State Pollution Control Boards and may also be seen on the website of the Ministry of Environment, Forest & Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry.
8. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
9. This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
10. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.




11. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEFCC, the respective Zonal Office of CPCB and the SPCBs.

12. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Boards as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Clearance conditions and shall also be sent to the respective Regional Offices of MoEFCC by e-mail.

  
11/2/2015  
**(S.K. Srivastava)**  
**Scientist E**

Copy to:

- 1) The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar
- 2) The Secretary, Department of Environment, Govt. of Maharashtra, Mantralaya, Mumbai - 32
- 3) The Secretary (Environment & Forest), Govt. of Dadra & Nagar Haveli, Secretariat, Silvassa
- 4) The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8<sup>th</sup> Floor, Sachivalaya, Gandhinagar - 10
- 5) The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
- 6) The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Points, 3<sup>rd</sup> & 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Sion (E), Mumbai - 22
- 7) The Member Secretary, Gujarat Pollution Control Board, Sector 10-A, Gandhi Nagar - 43
- 8) The Member Secretary, Dadra & Nagar Haveli Pollution Control Committee, Dadra & Nagar Haveli
- 9) The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, Arera Colony, Link Road No.3, Ravishankar Nagar, Bhopal - 16
- 10) The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Regional Office (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur - 1
- 11) IA - Division, Monitoring Cell, MoEFCC, New Delhi - 3
- 12) Guard file

  
11/2/2015  
**(S.K. Srivastava)**  
**Scientist E**

NHAI/PIU Surat (Expressway)/P-4-LA/2019/ 3658

Date: 13.06.2019

To,

M/s. SA Infrastructure Consultants Pvt Ltd,

Bungalow no. 27, V.I. (Valli Issa) Bungalows,

Marruf Complex, Opp. Iqra School,

Dahej Raod, Dahegam,

Bharuch - 392 012.

Sub.: Construction of Six/Eight Lane Vadodara Kim Expressway from Km 279,00 to Km 292.00

(Ankleshwar to Manubar Section of Vadodara Mumbai Expressway) in the State of

Gujarat under Bharat Mala Pariyojna on Hybrid Annuity Mode (Phase IA-Package IV).

S.H.: Regarding Land Acquisition at Moje: Sakkarpor, Tal, Ankleshwar, Dist Bharuch.

Ref.: Deputy Collector, Ankleshwar office letter no. OFOR-Vashi-1095 to 1099/201° dated 21.05.2019 as

received in this office on dated 13.06.2019.

Dear Sir,

With reference to above, please find enclosed herewith copy of Deputy Collector, Ankleshwar office letter no. OFOR-Vashi-1095 to 1099/2019 dated 21.05.2019 as cited above (copy enclosed).

This is for information and necessary action.

Thanking you,

Yours Sincerely,

[Shashi Bhushan]

GM (T) & Project Director  
NHAI, PIU Surat (Expressway)  
Encl. as above

Copy to:

(i) Shri A. K. Swami, Manager (T), NHAI, PIU-Surat (Expressway) -For information & suitable necessary action (Encl as above).

(ii) . Ashoka Ankleshwar Manubar Expressway Pvt. Ltd., C/o. Ashoka Buildcon limited, Village: Dahegam, Bharuch-Dahej Road, Tal. & Dist. Bharuch-392012 - for information and suitable necessary action (Encl as above).

Read:

(1) General Manager and Project Director Shri, NHAI, PIU Surat (Expressway)

(2) Letter No. from Mamlatdar Shri Ankleshwar to his office: Bhuni / FOR Vashi /396/2019 dated 20-02-2019 and letter no. : land FOR Vashi 721/2019 dated 30/04 /2019 Opinion received

(3) Range Forest Office Shri Vistran Range Ankleshwar's Opinion received from javak no./326/ 18/19 dated 25/3/2019 and from javak no./328/ 18-19 dated 4/4/2019

Order

Ankleshwar Prologue (1) Reading Moje. Sakarpore, Ta. Ankleshwar, Dist. Bharuch. J.S. As per the following details given in the appendix form of the competent officer and special land acquisition officer of Bharuch land acquisition from case no. Surat (Expressway) has applied to Mamlatdar office Ankleshwar.

Sr. no	Account holder's name	Block no.	Acquisition Land area	Details of the tree to be edited
1	Ishwarbhai Chhaganbhai Etc	75	0.0202	Goras Tamarind-4
2	Amarsang Haribhai etc.	78/1	0.0175	Goras Tamarind-1
3	Hasmukhbhai Haribhai Ahir	78/2	0.0974	Goras Tamarind-2
4	Khushalbhai Hibhai Ahir	78/3	0.5520	Goras Tamarind-2
5	Bijben Bijal Zinani etc.	79	0.4159	Goras Tamarind-13, Sargava-1, Lemon-1, Bordi-1
6	Vitthalbhai Kalabhai etc.	81/1/1,81/1/b	0.2094	Goras Tamarind-37, Gooseberry-24 Sargava-4 guava
7	Somabhai Manor Bhai etc.	82	0.1821	Goras Tamarind-5, Gooseberry-24 guava
8	Reshmabhai Karashanbhai Vasava	83	0.0133	Goras Tamarind-4, guava Gooseberry-28
9	Chhotubhai Bajiyabhai	97/1+2	0.9687	Boredi - 1 : 70, Gooseberry-70 Sargava-4 guava

10	Ishwarbhai Dayalbhai Patel	99	0.6689	Bore
11	Chhotubhai Mohanbhai Vasava	100	0.4249	bore
12	Naginbhai Umedbhai etc.	101/1	0.0441	Bore – 1 Tamarind-9
13	Somiben Nagjibhai Amathabhai	102	0.5243	Tamarind-40 guava: 4 Mango ; 35
14	Devjibhai Mohanbhai Vasava	103	0.2858	Tamarind-40 guava: 5 Mango ; 35
15	Devjibhai Mohanbhai Vasava	104	0.5160	Tamarind-8
16	Puniyabhai Dahyabhai	105	0.2428	Guava 41
17	12 Somabhai Manorabhai etc.	106	0.2749	Bore 2
18	Haribhai Karashanbhai Vasava	107	0.1536	Tamarind-2 guava: 36
19	parshotambhai Bhikhabhai Etc.	119	0.1218	Tamarind-1
20	Sakkarpur adivasi pachatvarg samudayik kheti mandal	121	0.0257	Tamarind-20
21	Sakkarpur adivasi pachatvarg samudayik kheti mandal	122	0.4491	Tamarind-1, gunda ; 1
22	Sakkarpur adivasi pachatvarg samudayik kheti mandal	123	0.8781	Tamarind-3 bore 3
23	Sukhdev Balubhai	124	0.5928	Tamarind-29
24	Puniyabhai Dahyabhai	125	0.3904	Tamarind-22

After reading the opinion received from Mamlatdar Shri Ankleshwar from the introduction (2), it has been stated that in this work, the revenue officer of the National Highway Authority, Talatishri, Sakarpore has given a face to face answer and the pancho has done panchakyas. According to the Special Land Acquisition Officer, the objections mentioned in Appendix-D of the Bharuch Award are not the same as in the case of Moj. So that the number of trees mentioned in the application of the applicant is more than -10.

Mamlatdar Shri Ankleshwar Opinion Co-report has been submitted to take action as per rules regarding getting permission to cut curry trees.to Range Forest Officer Shri S.y .o After reading the report received from Ankleshwar, the trees shown in the above petition are not included in the list of protected trees.

If the power to cut down more than 10 trees in this work reaches here, then Mamlatdar Shri Ankleshwar as well as Range Forest Officer Shri S Y O. As per the opinion received from Ankleshwar, as per the demand of the applicant, the competent officer and special land acquisition officer Shri Bharuch's award No. JS / case no.NHAI /23/2013 DATED : 18/01/2018 The trees in the land acquired by the account holders of Sakarpore Ta.

Terms:

(1) Implementation of the order The trees shall be cut down as per the demand within 30 days from the receipt of the order.

(2) Trees other than those stated in the order shall not be cut down. Tree for violation of which Action will be taken as per the law of intersection.

(3) In place of the tree mentioned in the order, double the number of trees in a place where there is no other obstruction Will be raised.

(4) This permission is given only for cutting down trees in the acquired land Other trees cannot be cut down.

(5) Obtaining necessary transport permission of Forest Department for disposal of timber of trees The wood will have to be disposed of.

(6) For the violation of any of the above conditions, the given 3 permission are automatically canceled

Will be considered done.

(RK Bhagora)

Deputy Collector Ankleshwar

Copy to

- Applicant General Manager and Project Director, NHAT, PIU Surat (Expressway) 401-606, VIP High Street, Opposite Rungta Arcade, Report to VIP Road, Vesu, Surat and execute as per order
- Mamlatdar Shri Ankleshwar to the applicant from the land in question and question. Other than the mission of the given trees, other trees should not be cut down Vigilance is required to comply with the conditions
- Deputy Forest Conservator, Social Forestry Department, Bharuc
- Range Forest Officer Shri Vistran Range Ankleshwar.
- Information to Talati cum Minister, Sakka, Ta. Ankleshwar.

No .: FOR / Vashi /282/19

Mamlatdar Office, Bharuch

Dt. 19/2/2018

Read: -

(1) Applicant Shri Manager, PIU - Surat (Express) Surat, Reh. Application of Surat dated 0201 2018

(2) Circle Officer Shri Ali Talati cum Minister Shri Dahegam Kurkarwada Shera No. 3/2018 Work papers submitted from 16/02/2018.

(3) Circular No.DRS/1076 P ON DATED 24/2/76 of the Department of Agriculture and Co-operation of the Government

(4) Circular No: DRS 2075 M-23 / B DATED 25/2/76 of the Department of Agriculture and Co-operation of the Government

(5) Deputy Collector Shri, Bharuch Letter No. ADM /FOR / Vashi / 147, Dt. 07 / 03/2019

ORDER

Applicant Manager, PIU - Surat (Expressway) Surat, Reh. Surat through National Highway Authority of India to M / s Ashoka Ankleshwar to Manubar Pvt. Ltd Under Bharat Mala project 6/8 lanes Vadodara - Mumbai km Express (Phase 1 A Package - 4) km. 278,000 to 292 km Appointed as contractor for construction of In the corridor of the main project, in the acquired land of Dahegam-Kukarwada village and in the operation of the expressway, permission has been sought from the preamble (1) to get permission to cut non-useful trees.

Name of the village	Block / Survey No.	Tree detail	How many trees are there? (As per Appendix D)	Tree either fruit or fruitless
Dahegam	Total 61 survey numbers (as per Appendix D)	Samada - Neem and other shrubs	Total 747 shrubs	Fruitless
Kukarwada	Total 7 survey numbers (as per appendix D)	Samada - Neem and other shrubs	Total 21 trees	Fruitless
	Total 67		Total 768 trees	



According to the petition of the petitioner, the place has been inspected by Circle Officer Shri Ali Talati cum Minister Shri Dahegam-Kukarwada. And the working papers are presented with introduction (2). In this case, Talatishri Dahegam - Kukarwada has done a preliminary investigation and the answer has been decided.

According to the report of Circle Officer Shri Ali in this work, under the Bharat Parimala project of the Government of India, there will be obstruction in the work of 6/8 lane Vadodara-Mumbai Kim Expressway. The opinion has been given that if permission is given to cut down a total of 768 trees including Samada-Neem and other trees as per Appendix-D of Kukarwada and Dahegam villages, the objections do not seem to be the same.

Sadarhu Kame Amrukh - 5 to Deputy Collector Shri, Bharuch has given permission to cut down trees from here for this special case.

Thus, in view of the above fact, the authority to cut down trees has been given to the Taluka Mamlatdars by the Circular (3) of the Department of Agriculture and Co-operation of the Government, on the basis of which I, Shri PD Patel Mamlatdar Bharuch As the work is a hindrance in the operation of the main bush expressway, I order to allow the cutting of the main tree subject to the conditions stated in the order.

Name of the village	Block / Survey No.	Tree detail	How many trees are there? (As per Appendix D)	Tree either fruit or fruitless
Dahegam	Total 61 survey numbers (as per Appendix D)	Samada - Neem and other shrubs	Total 747 shrubs	Fruitless
Kukarwada	Total 7 survey numbers (as per appendix D)	Samada - Neem and other shrubs	Total 21 trees	Fruitless
	Total 67		Total 768 trees	

#### TERMS

- (1) All the trees allowed to be cut down shall remain in force for 30 days from the date of the permission order.
- (2) No other trees may be cut down except as stated in the above order.
- (3) In order to cut the bushes as per the permission given by the above order and take the wood to another place, the transportation Gate Pass shall be obtained separately from the applicable office.

(4) If any of the given permission is declared to belong to the Panchayat, then the amount of the tree has to be deposited in the Panchayat.

(5) Twice as many trees will have to be planted in other places.

Mamlatdar Bharuch

To,

Manager,

PIU - Surat (Expressway),

Resi. 301-304, VIP. High Street,

Opposite Rungta Arcade, VIP Road,

Surat - 395007.

Copy of : Talati cum Mantri dahegam - kukarvada, Ta.district. Bharuch.

Copy courtesy: Good information to Deputy Collector, Bharuch.

No .: FOR / Vashi /282/19

Mamlatdar Office, Bharuch

Dt. 19/2/2018

Read: -

(1) Applicant Shri Manager, PIU - Surat (Express) Surat, Reh. Application of Surat dated 0201 2018

(2) Circle Officer Shri Ali Talati cum Minister Shri Dahegam Kurkarwada Shera No. 3/2018 Work papers submitted from 16/02/2018.

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ORDER

Applicant Manager, PIU - Surat (Expressway) Surat, Reh. Surat through National Highway Authority of India to M / s Ashoka Ankleshwar to Manubar Pvt. Ltd Under Bharat Mala project 6/8 lanes Vadodara - Mumbai kmExpress (Phase 1 A Package - 4) km. 278,000 to 292 km Appointed as contractor for construction of In the corridor of the main project, in the acquired land of Hinglot – maubar – kanrhariya village and in the operation of the expressway, permission has been sought from the preamble (1) to get permission to cut non-useful trees.

Name of the village	Block / Survey No.	Tree detail	How many trees are there? (As per Appendix D)	Tree either fruit or fruitless
hinglot	Total 02 survey numbers (as per Appendix D)	Samada - Neem and other shrubs	Total 14 shrubs	Fruitless
manubar	Total 52 survey numbers (as per appendix D)	Samada - Neem and other shrubs	Total 718 trees	Fruitless
kanthariya	Total 19 survey numbers (as per appendix D)	Samada - Neem and other shrubs	Total 11 trees	Fruitless
	Total : 73		Total : 743	

According to the petition of the petitioner, the place has been inspected by Circle Officer Shri Ali Talati cum Minister Shri Hinglot – maubar – kanrhariya . And the working papers are presented with introduction (2). In this case, Talatishri Hinglot – maubar – kanrhariya has done a preliminary investigation and the answer has been decided.

According to the report of Circle Officer Shri Ali in this work, under the Bharat Parimala project of the Government of India, there will be obstruction in the work of 6/8 lane Vadodara-Mumbai Kim Expressway. The opinion has been given that if permission is given to cut down a total of 768 trees including Samada-Neem and other trees as per Appendix-D of Hinglot – maubar – kanrhariya villages, the objections do not seem to be the same.

Sadarhu Kame Amrukh - 5 to Deputy Collector Shri, Bharuch has given permission to cut down trees from here for this special case.

Thus, in view of the above fact, the authority to cut down trees has been given to the Taluka Mamlatdars by the Circular (3) of the Department of Agriculture and Co-operation of the Government, on the basis of which I, Shri PD Patel Mamlatdar Bharuch As the work is a hindrance in the operation of the main bush expressway, I order to allow the cutting of the main tree subject to the conditions stated in the order.

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	Total : 73		Total : 743	

#### TERMS

- (1) All the trees allowed to be cut down shall remain in force for 30 days from the date of the permission order.
- (2) No other trees may be cut down except as stated in the above order.
- (3) In order to cut the bushes as per the permission given by the above order and take the wood to another place, the transportation Gate Pass shall be obtained separately from the applicable office.

(4) If any of the given permission is declared to belong to the Panchayat, then the amount of the tree has to be deposited in the Panchayat.

(5) Twice as many trees will have to be planted in other places.

Mamlatdar Bharuch

To,

Manager,

PIU - Surat (Expressway),

Resi. 301-304, VIP. High Street,

Opposite Rungta Arcade, VIP Road,

Surat - 395007.

Copy of : Talati cum Hinglot – maubar – kanrhariya , Ta.district. Bharuch.

Copy courtesy: Good information to Deputy Collector, Bharuch.

Tag	View	Check on the Application PDFs	File
.I.	C & A	Previous Consent – Reject / CCA Order / NOC Order	PRV



## Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
 Email Address : gpcb-bha@gujara.gov.in Web site : www.gpcb.gujarat.gov.in

BY R.P.A.D

### Consent to Establish (CTE)

CTE-32354

NO: GPCB/BRCH-B/ ID-66112/

Date:

TO,  
 ASHOKA BUILDCON LIMITED (66112),  
 SURVEY NO. 184,185,186,190,191,193,194,203.202/1,202/3 \U0026 201/2,  
 DAHEJ-BHARUCH ROAD,  
 VILLAGE: DAHEGAM, DAHEGAM - 392012  
 TALUKA & DISTRICT: BHARUCH.

SUB: Consent to Establish (CTE) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981  
 REF: Your application Inward ID No: 144206, dated: 17/09/2018.

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 (CTE) for READY MIX CONCRETE PLANT at SURVEY NO. 184,185,186,190,191,193,194,203.202/1,202/3 \U0026 201/2, DAHEJ-BHARUCH ROAD, VILLAGE: DAHEGAM, TALUKA & DISTRICT: BHARUCH.

The validity of CTE (NOC) - 32354 is up to Date: 16/09/2025.

SR. NO	PRODUCT	QUANTITY
1	READY MIX CONCRETE	36585 MT/Month

### 1. CONDITIONS UNDER WATER ACT:

- 1.1. Water source: Tankers.
- 1.2. The quantity of total water consumption shall not exceed 89 KL/Day. (break up as below)
  - a) Domestic - 10 KL/Day
  - b) Industrial - 79 KL/Day
- 1.3. The quantity of total waste water generation shall not exceed 7 KL/Day. (break up as below)
  - a) Domestic - 7 KL/Day
  - b) Industrial - NIL
- 1.4. There shall be no generation /discharge of the industrial effluent from the manufacturing process and other ancillary industrial operations.
- 1.5. Sewage shall be disposed off through septic tank/soak pit system.
- 1.6. The unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act - 1977 for the purpose of measuring and recording the quantity of water Consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the industry until the contrary is proved.







# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
Email Address : gpcb-bha@gujara.gov.in Web site : www.gpcb.gujarat.gov.in

## 2. CONDITIONS UNDER AIR ACT:

2.1. The following shall be used as fuel in D. G. set.

Sr. No.	Fuel	Quantity
1	Diesel	616 Lit/Hour

2.2. The flue gas emission through stack attached to D.G. set shall conform to the following standards:

Stack No.	Stack attached to	Stack height (Meter)	APCM	Parameter	Permissible Limit
1	D.G. set (320 KVA) 2 Nos.	3	-----	Particulate matter SO <sub>x</sub> NO <sub>x</sub>	150 mg/NM <sup>3</sup> 100 ppm 50 ppm

## 2.3. D.G. Set Conditions

The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. no. 95 of Schedule-I of the rule-3 of E.P. Rules -1986 and Noise pollution level as per the Air Act-1981. D.G.Sets standards:-

The flue gas emission through stack attached to D.G.Sets shall conform to the following standards.

- The minimum height of stack to be provided with each of the generator set shall be  $H=h + 0.2$  (KVA)  $1/2$ , where  $H$ = Total stack height in meter,  $h$ = height of the building in meters where or by the side of which the generator set is installed.
- Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
- The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- All efforts shall be made to bring down the noise level due to the D.G.Set, outside the premises, within the ambient noise requirements by proper siting and control measures.
- Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G.Set manufacturer.
- A proper routine and preventive maintenance procedure for the D.G.Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with us.

## 3. CONDITIONS UNDER HAZARDOUS WASTE:

3.1. Applicant shall have to comply with provisions of Hazardous and Other Waste (Management and Trans Boundary Movement) Rules, 2016 as amended from time to time.

## 4. GENERAL CONDITOINS:

4.1. Any change in personnel equipment or working condition as mentioned in the consents form /order should immediately be intimated to this board.







## Gujarat Pollution Control Board

C-1/119/3. GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
Email Address : gpcb-bha@gujara.gov.in Web site : www.gpcb.gujarat.gov.in

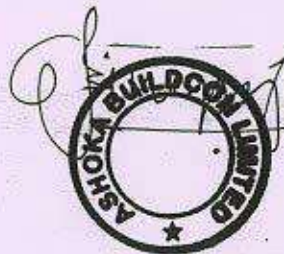
- 4.2. Applicant shall also comply with the regional condition given in Annex-I.
- 4.3. The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of Water Cess to the Board under the Water Cess Act- 1977.
- 4.4. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
- 4.5. The Environmental Management unit /Cell shall be setup to ensure implementation on and monitoring of environment safeguard and others condition stipulate by statutory authorities. The Environment Management cell Unit shall directly report to the chief Executive of the Organization and shall work as a focal point relating to environment issues. These Cells / units also co-ordinate the exercise of environmental audit and preparation of environment statement.
- 4.6. The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:  
Between 6 A.M. and 10 P.M. : 75 dB(A)  
Between 10 P.M. and 6 A.M. : 70 dB(A)
- 4.7. Industry shall submit annual report within 15 days and subsequently by 31<sup>st</sup> January every year.
- 4.8. If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.
- 4.9. The Board reserves the right to review and / revoke the consent and / or make variations in the condition which the board deems fit in accordance with section 27 of the Act.
- 4.10. In cases of change of ownership /management, the name and address of the new owner / partners / directors/ proprietor should immediately be intimated to the board.

For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD

(R. R. Vyas)  
REGIONAL OFFICER

**ISSUED TO:**

TO,  
ASHOKA BUILDCON LIMITED (66112),  
SURVEY NO. 184,185,186,190,191,193,194,203,202/1,202/3 \U0026 201/2,  
DAHEJ-BHARUCH ROAD,  
VILLAGE: DAHEGAM, DAHEGAM - 392012  
TALUKA & DISTRICT: BHARUCH.







# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015.

Phone : (02642) 246333

Email : ro-gpcb-bhar@gujarat.gov.in

Web site : www.gpcb.gujarat.gov.in

RPAD

NO: GPCB/BRCH /CCA/ ID-44731/2019/

Date:

TO,

✓ ASHOKA BUILDCON LIMITED(66112),

SURVEY NO:184,185,186,190,191,193,194,203,202/1,202/3\0026,201/2,

DAHEGAM-392012

TAL & DIST-BHARUCH.

**SUB:** Amendment in the consolidated consent & Authorization of the Board.

**REF:** 1)Your CC&A Amendment Application Inward ID No.156530 dated 14/05/2019.

2)Previously issues CC&A order No AWH-34209; vide letter No. GPCB/BRCH/CCA/ID-66112/2019/15484 dated 27/02/2019.

Sir,

The Gujarat Pollution Control Board had granted Consolidated Consents & Authorization order no.AWH-36322 dated 14/05/2019 which is valid up to 31/12/2023. In exercise of the power conferred under section 27 of Water(Prevention & Control of Pollution) Act,1974, under section 21 of Air (Prevention & Control of Pollution) Act 1981 and authorization under Rule 3(C) & 5(5) of the Hazardous Waste( M & H) Rules 1989 & as Amended up to year 2016 framed under the Environment (Protection) Act, 1986. The CCA order issued vide letter No. GPCB/BRCH/CCA/ID-66112/2019/15484 dated 27/02/2019 is amended with respect of following conditions.

**A. CONDITION NO.2 OF CC&A:**

The products in condition no. 2 stands amended and shall be read as under:

Sr. No.	Name of Product	Quantity
1	Ready Mix Concrete	36585 MT/Month

**B. CONDITION NO.3 OF CC&A:**

The condition no. 3 is amended as under:

3.1 The total Quantity of Fresh water consumption will be 89 KLD(Breakup as below)

a) Industrial - 79 KLD

b) Domestic - 10 KLD

3.2 The total quantity of wastewater generation will be 7 KLD (Breakup as below)

a) Industrial - NIL

b) Domestic - 7 KLD



# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
Email : ro-gpcb-bhar@gujarat.gov.in Web site : www.gpcb.gujarat.gov.in

## C. CONDITION NO. 5 OF CC&A:

The condition no. 5 is amended as under:


5.1 Number of authorization: **AWH-36322**

5.2 **ASHOKA BUILDCON LIMITED(66112)** is hereby granted an authorization to operate facility for following hazardous waste on the premises situated at **PLOT NO. 184, 185, 186, 190, 191, 193,194,203, 202/1 ,202/3 \u0026 201/2,DAHEGAM-392012,TAL & DIST: BHARUCH.**

Sr. No	Waste	Schedule & Category	Quantity	Facility
1	Used or Spent Oil	I-5.1	0.100 MT/Year	Collection, Storage, Reuse

D. All other conditions of the above referred CC&A order no.149225 vide letter No. GPCB/BRCH/CCA/ID-66112/2019/15484 dated 27/02/2019 shall remain unchanged. You are directed to comply with these conditions judiciously.

For and on behalf of  
Gujarat Pollution Control Board

  
( F. M. MODI )  
REGIONAL OFFICER

### ISSUED TO:

**ASHOKA BUILDCON LIMITED(66112),**

**SURVEY NO:184,185,186,190,191,193,194,203,202/1,202/3\u0026,201/2,**

**DAHEGAM-392012**

**TAL & DIST-BHARUCH.**

Outward No:15535, 13/06/2019



# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
Email : ro-gpcb-bhar@gujarat.gov.in Web site : www.gpcb.gujarat.gov.in

**Bv R.P.A.D**

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 6(2) of the Hazardous and Other Waste (Management and Trans Boundary Movement) Rules, 2016 Framed under Environment Protection Act, 1986.

And whereas Board has received consolidated **Application No: 149225 dated 05/01/2019** for the consolidated consent and authorization (CC&A) Fresh of this board under the provisions/ rules of the aforesaid Acts consent & Authorization is hereby granted as under.

## **CONSOLIDATED CONSENT AND AUTHORIZATION:**

(Under the provisions / rules of the aforesaid environmental acts)

TO,

**ASHOKA BUILDCON LIMITED(66112),**

**PLOT NO: 184,185,186,190,191,193,194,203,202/1,202/3 \u0026 201/2,**

**DAHEGAM- 392012,**

**TAL & DIST: BHARUCH.**

1. **Consent order No. AWH-34209, Date of Issue: 30/01/2019.**
2. The consent under Water Act 1974, shall be valid up to **31/12/2023** for the use of outlet for the discharge of treated effluent and Authorization under Environment (Protection) Act, 1986 shall be valid up to **31/12/2023** to operation of industrial plan for manufacture of the following products:

Sr. No.	Name of product	Quantity
1	READY MIX CONCRETE	36585 MT/Month

## **3. CONDITIONS UNDER WATER ACT 1974:**

- 3.1 Source of water: **Tankers**
- 3.2 The Total Quantity of Water consumption shall not exceed **89 KL/day** ( Break up as below )
  - a) **Domestic : 10 KL/day**
  - b) **Industrial: 79 KL/day**
- 3.3 The Total Quantity of Waste Water generation shall not exceed **7 KL/day** (Break up as below)
  - a) **Domestic : 7 KL/Day**
  - b) **Industrial: NIL**
- 3.4 There shall be no generation/discharge of the industrial effluent from the manufacturing process and other ancillary industrial operations.
- 3.5 Sewage shall be disposed off through Septic tank/soak pit system.
- 3.6 The unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act – 1977 for the purpose of measuring and recording the quantity of water Consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the industry until the contrary is proved.



# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
Email : ro-gpcb-bhar@gujarat.gov.in Web site : www.gpcb.gujarat.gov.in

## 4. CONDITIONS UNDER THE AIR ACT:

4.1 The following shall be used as a fuel in Boiler.

Sr. No.	Fuel	Quantity
1	Diesel	616 Lit/Hour

4.2 The flue gas emission through stack attached to D.G sets (320 KVA) shall conform to following standards.

Stack no.	Stack Attached to	Stack height in meter	APCM	Parameter	Permissible Limit
1	D.G set (320 KVA) 2 Nos.	3	----	Particulate matter SO <sub>2</sub> NO <sub>x</sub>	< 150 mg/NM <sup>3</sup> < 100 ppm < 50 ppm

4.3 There shall be no process gas emission from the manufacturing process and other ancillary industrial operations.

4.4 Ambient air quality within the premises of the unit shall conform to the following standards: -

PARAMETER	PERMISSIBLE LIMIT **
Particulate matter (size less than 10 µm)	100 Microgram per cubic meter
Particulate matter (size less than 2.5 µm)	060 Microgram per cubic meter
Oxides of Sulphur	080 Microgram per cubic meter
Oxides of Nitrogen	080 Microgram per cubic meter

\*\* 24 hourly mentioned values, shall be complied with 98 % of the time in a year 2 % of the time, they may exceed the limits but not on two consecutive days of monitoring.

4.5 The Industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

4.6 The applicant shall provide proper ventilation and exhaust facilities so as to maintain healthy working atmosphere within the factory premises.

## 5. AUTHORIZATION AS PER HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY) RULES, 2016 Form-2 [See rule 6 (2)]

5.1 Number of authorization: AWH-34209.

5.2 **ASHOKA BUILDCON LIMITED(66112)** is hereby granted an authorization to operate facility for following hazardous waste on the premises situated at **PLOT NO. 184, 185, 186, 190, 191, 193, 194, 203, 202/1,202/3 \u0026 201/2, DAHEGAM- 392012, TAL & DIST: BHARUCH.**

Sr. No.	Waste	Schedule & Category	Quantity	Facility
1	Used or spent oil	I-5.1	0.050 MT/year	Collection, Storage, Reuse

5.3 The authorization shall be in force for a period up to **31/12/2023**.

5.4 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.



# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015.

Phone : (02642) 246333

Email : ro-gpcb-bhar@gujarat.gov.in Web site : www.gpcb.gujarat.gov.in

- 5.5 The authorization is granted to operate a facility for collection, storage within factory premises transportation and ultimate disposal of Hazardous wastes as per condition no. 5.2 to the industry having valid CCA of this Board.

## **6. TERMS AND CONDITIONS OF AUTHORIZATION:**

- a) The applicant shall comply with the provisions of the Environment (Protection) Act-1986 and the rules made there under.
- b) The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- c) The persons authorized shall not rent, lend, sell, and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- d) Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- f) An application for the renewal of an authorization shall be made as laid down in rules 6(2) under Hazardous Waste and Other Waste Rules, 2016.
- g) Industry shall have to display on-line data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous wastes generated within the factory premises.

## **7 GENERAL CONDITION:**

- 7.1 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10/20/30 meters width is developed.
- 7.2 The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.
- 7.3 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.
- 7.4 The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed Industrial plant.
- 7.5 The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
- 7.6 The applicant also comply with the General conditions as per Annexure - I attached herewith (No.1 to 38) (whichever applicable).
- 7.7 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:  
Between 6 A.M. and 10 P.M: 75 dB (A)  
Between 10 P.M. and 6 A.M: 70 dB (A)
- 7.8 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.




# Gujarat Pollution Control Board

C-1/119/3, GIDC, Phase-II, Narmadanagar, BHARUCH-392 015. Phone : (02642) 246333  
Email : ro-gpcb-bhar@gujarat.gov.in Web site : www.gpcb.gujarat.gov.in

- 7.9 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property .in that case they are obliged to pay the compensation as determined by the competent authority.
- 7.10 In Future in case of any new Acts/Rules, Circular Unit will have to follow the same.

**For and on behalf of  
GUJARAT POLLUTION CONTROL BOARD**

  
**( F. M. MODI )  
REGIONAL OFFICER**

**NO: GPCB / BRCH / CCA / ID-66112/2019/**

**Date:**

**ISSUED TO:**

**ASHOKA BUILDCON LIMITED(66112),  
PLOT NO: 184,185,186,190,191,193,194,203,202/1,202/3 \u0026 201/2,  
DAHEGAM- 392012,  
TAL & DIST: BHARUCH.**

Outward No:15484,27/02/2019



FORM E (GRANT ORDER)  
FORMAT OF QUARRY PERMIT  
(See rule 22(1))

Quarry Permit No : QP1602043413

Application No. : PA160202846

BHARUCH Office

Date : 30/12/2019

Whereas Shri ASHOKA BUILD CORN applied for grant of quarry permit for excavation and removal of metric tonnes of 20000.00 ( Ordinary Clay ) from Survey No. 215 PRIVATE of Village SAKKARPOR Taluka ANKLESVAR District BHARUCH Under rule 21 of the Gujarat Minor Mineral Concession Rules, 2017 and has paid an application fee of rupees 5000.00 pursuant to the requirements of rule 22 (1) of the Gujarat Minor Mineral Concession Rules, 2017. Accordingly, permission is hereby granted to the above applicant to quarry, win and remove 20000.00 metric tonnes of ( Ordinary Clay ) from the aforesaid area more fully described below on the following condition.

Village SAKKARPOR

**Boundaries**

On North : AS PER MAP

On West : AS PER MAP

On South : AS PER MAP

On East : AS PER MAP

**Co-Ordinates**

Latitude	Longitude
21.40.14.250	72.55.50.680
21.40.10.570	72.55.51.420
21.40.14.590	72.55.39.460
21.40.10.890	72.53.39.980

(as shown in the detailed plan along with the co-ordinates annexed with the application)

Village	Taluka	District	Survey No	Field Area (Approx. in Hectares)	Mineral	Quantity (metric tonne)
SAKKARPOR	ANKLESVAR	BHARUCH	215 PRIVATE	Pvt. Area 05.04.0	Ordinary Clay	20000.00

**Payment to be done by Applicant**

Particulars	Total Amount (in Rs.)
Royalty	500000
Permit Premium	250000
Security Deposit	100000
DMF	50000
TCS	15000

- This permit shall be activated by concerned District Geologist / Asst. Geologist on successful payment mentioned above. The validity of the permit shall be 60 days from the date of activation.
- The depth of the pit below the surface shall not exceed 6 metres.



3. This permit is non-transferable. No other mineral except that for which the permit is granted shall be excavated or removed without proper sanction being obtained from the officer authorised of the Government.
4. When the mining of ninety per cent of the quantity of the mineral is finished, the quarry permit holder shall inform the District Geologist/ District Assistant Geologist and then, the District Geologist/ District Assistant Geologist shall carry out an inspection of the mining area. Even the quarry permit holder should be vigilant enough to be alert to get the inspection on time. The quarry permit holder should be careful to take precautions not to dig or to mine more mass than what is permitted to him.
5. The quarry permit holder should adhere to all terms and conditions pertaining to quarry permit stated under the Gujarat Minor Mineral Concession Rules 2017.
6. The quarry permit holder should dig out and transport the allowed mineral only from the permitted areas of the quarry within the limits of quantity endorsed under this permit.
7. The quarry permit holder should implement and maintain the procedure of transit permit or the equivalent mandatorily.
8. If any other minor or major mineral is found during quarrying operations, it shall be reported to the officer authorised of the Government within a week's time after such discovery.
9. The permit holder shall maintain complete and correct accounts of the minerals excavated, quantity removed from the permit area, wages paid and royalty and other charges leviable for this purpose.
10. The permit holder shall allow the District Geologist/ District Assistant Geologist to verify the books of accounts maintained in relation to the mining of the said mineral. The District Geologist/ District Assistant Geologist should also visit the site in question, to tally the amount of quantity actually dug out with the amount of quantity mentioned in the books of accounts of the permit holder. Then, the facts found during the inspection shall be reported to the Commissioner of Geology and Mining by the District Geologist/ District Assistant Geologist.
11. In the event that the royalty rates are increased by the Government during the tenure of the quarry permit, the permit holder shall pay to the Government, within fifteen days of the date of such notification, the additional royalty, permit premium, security deposit and district mineral foundation contribution amounts.
12. The permit holder shall not commence any quarrying operations without obtaining all applicable environmental clearances for the area.
13. The permit holder shall allow the District Geologist/ District Assistant Geologist to enter and inspect, at any time, the quarrying and mining operations.
14. The permit holder shall immediately report all accidents to the officer authorised of the Government and the District magistrate and the District Superintendent of police of the district in which the permit area is situated.
15. The permit holder shall have no right over the quarry material and other property lying in the permit area after the expiry of the permit.
16. The permit holder shall not cut or damage any trees without prior sanction and without payment of compensation therefore as may be fixed by the Divisional forest Officer or such officer authorised by him in this behalf.
17. If any excess quantity over that permitted quantity is found to be removed, the permit holder shall be liable to pay the amount equal to the value of mineral so removed and shall be liable for punishment under the provisions of the Indian Penal Code, 1860 and the Gujarat Minor Mineral Concession Rules, 2017.
18. If any breach of these conditions or the provisions of section 15 and section 23C is detected, this permit shall be terminated and the material lying on the site will be seized and dealt with in accordance with applicable laws.
19. Every transportation vehicle of the said mineral should have to be weighed and the receipt of weighing should have to be kept safely on record, mandatorily by the permit holder.



20. As soon as the removal of the material granted under the permit is over, the permit holder shall furnish to the District Geologist/ District Assistant Geologist a complete statement showing the quantities removed, details of transport and usage, parties to whom this material has been sold and prices obtained therefor, and shall produce any details, books etc., for the scrutiny to the District Geologist/ District Assistant Geologist as may be called for by him.
21. After submission of the information contemplated vide para 20 above, District Geologist/ District Assistant Geologist shall visit the area for which permit was given within fifteen days and conduct such survey as may be deemed appropriate to check compliance with the terms of the relevant quarry permit. The said officer shall thereafter submit his report within fifteen days of aforesaid survey to the Commissioner of Geology and Mining.
22. The findings pursuant to para 21 above shall be factored in for determining the final settlement with the quarry permit holder.

Note: approved by the collector

  
Geologist

BHARUCH

Date :

CC to - Sarpanchshri Village - SAKKARPOR, Taluka - ANKLESVAR  
- Mamlatdarshri Ta. - ANKLESVAR  
- Surveyor, Geology and mining dept.

જા.સો.જી.નં. ૧૮/૧૯-૨૦ /૧૧/૨૦૧૨/૨૬૮  
 મહાનગર પાલિકાના નિયમો અનુસાર  
 મુજબના પાલિકાના નિયમો અનુસાર  
 કલેક્ટર કચેરી સમક્ષ, બીજો માળ  
 રૂમ નં. ૧૮-૧૯-૨૦ ભરૂચ  
 તારીખ ૩૦/૧૨/૨૦૧૯

**FORM E (GRANT ORDER)**  
**FORMAT OF QUARRY PERMIT**  
 (See rule 22(1))

તા: ૩૦/૧૨/૧૯

**Quarry Permit No : QP1601017213**

Application No. : PA160102839

BHARUCH Office

Date : 30/12/2019

✓ Whereas Shri ASHOKA BUILD CORN applied for grant of quarry permit for excavation and removal of metric tonnes of 20000.00 ( Ordinary Clay ) from Survey No. 186 PRIVATE of Village MANUBAR Taluka BHARUCH District BHARUCH Under rule 21 of the Gujarat Minor Mineral Concession Rules, 2017 and has paid an application fee of rupees 5000.00 pursuant to the requirements of rule 22(1) of the Gujarat Minor Mineral Concession Rules, 2017. Accordingly, permission is hereby granted to the above applicant to quarry, win and remove 20000.00 metric tonnes of ( Ordinary Clay ) from the aforesaid area more fully described below on the following condition.

Village MANUBAR

Boundaries	
On North : AS PER MAP	On West : AS PER MAP
On South : AS PER MAP	On East : AS PER MAP

Co-Ordinates	
Latitude	Longitude
21.71.5.040	72.91.36.200
21.71.7.070	72.91.42.980
21.71.9.320	72.91.49.070
21.71.13.620	72.91.48.520

(as shown in the detailed plan along with the co-ordinates annexed with the application)

Village	Taluka	District	Survey No	Field Area (Approx. in Hectares)	Mineral	Quantity (metric tonne)
MANUBAR	BHARUCH	BHARUCH	186 PRIVATE	Pvt. Area 0.77.35	Ordinary Clay	20000.00

Payment to be done by Applicant	
Particulars	Total Amount (in Rs.)
Royalty	500000
Permit Premium	250000
Security Deposit	100000
DMF	50000
TCS	15000

1. This permit shall be activated by concerned District Geologist / Asst. Geologist on successful payment mentioned above. The validity of the permit shall be 60 days from the date of activation.
2. The depth of the pit below the surface shall not exceed 6 metres.



3. This permit is non-transferable. No other mineral except that for which the permit is granted shall be excavated or removed without proper sanction being obtained from the officer authorised of the Government.
4. When the mining of ninety per cent of the quantity of the mineral is finished, the quarry permit holder shall inform the District Geologist/ District Assistant Geologist and then, the District Geologist/ District Assistant Geologist shall carry out an inspection of the mining area. Even the quarry permit holder should be vigilant enough to be alert to get the inspection on time. The quarry permit holder should be careful to take precautions not to dig or to mine more mass than what is permitted to him.
5. The quarry permit holder should adhere to all terms and conditions pertaining to quarry permit stated under the Gujarat Minor Mineral Concession Rules 2017.
6. The quarry permit holder should dig out and transport the allowed mineral only from the permitted areas of the quarry within the limits of quantity endorsed under this permit.
7. The quarry permit holder should implement and maintain the procedure of transit permit or the equivalent mandatorily.
8. If any other minor or major mineral is found during quarrying operations, it shall be reported to the officer authorised of the Government within a week's time after such discovery.
9. The permit holder shall maintain complete and correct accounts of the minerals excavated, quantity removed from the permit area, wages paid and royalty and other charges leviable for this purpose.
10. The permit holder shall allow the District Geologist/ District Assistant Geologist to verify the books of accounts maintained in relation to the mining of the said mineral. The District Geologist/ District Assistant Geologist should also visit the site in question, to tally the amount of quantity actually dug out with the amount of quantity mentioned in the books of accounts of the permit holder. Then, the facts found during the inspection shall be reported to the Commissioner of Geology and Mining by the District Geologist/ District Assistant Geologist.
11. In the event that the royalty rates are increased by the Government during the tenure of the quarry permit, the permit holder shall pay to the Government, within fifteen days of the date of such notification, the additional royalty, permit premium, security deposit and district mineral foundation contribution amounts.
12. The permit holder shall not commence any quarrying operations without obtaining all applicable environmental clearances for the area.
13. The permit holder shall allow the District Geologist/ District Assistant Geologist to enter and inspect, at any time, the quarrying and mining operations.
14. The permit holder shall immediately report all accidents to the officer authorised of the Government and the District magistrate and the District Superintendent of police of the district in which the permit area is situated.
15. The permit holder shall have no right over the quarry material and other property lying in the permit area after the expiry of the permit.
16. The permit holder shall not cut or damage any trees without prior sanction and without payment of compensation therefore as may be fixed by the Divisional forest Officer or such officer authorised by him in this behalf.
17. If any excess quantity over that permitted quantity is found to be removed, the permit holder shall be liable to pay the amount equal to the value of mineral so removed and shall be liable for punishment under the provisions of the Indian Penal Code, 1860 and the Gujarat Minor Mineral Concession Rules, 2017.
18. If any breach of these conditions or the provisions of section 15 and section 23C is detected, this permit shall be terminated and the material lying on the site will be seized and dealt with in accordance with applicable laws.
19. Every transportation vehicle of the said mineral should have to be weighed and the receipt of weighing should have to be kept safely on record, mandatorily by the permit holder.

20. As soon as the removal of the material granted under the permit is over, the permit holder shall furnish to the District Geologist/ District Assistant Geologist a complete statement showing the quantities removed, details of transport and usage, parties to whom this material has been sold and prices obtained therefor, and shall produce any details, books etc., for the scrutiny to the District Geologist/ District Assistant Geologist as may be called for by him.
21. After submission of the information contemplated vide para 20 above, District Geologist/ District Assistant Geologist shall visit the area for which permit was given within fifteen days and conduct such survey as may be deemed appropriate to check compliance with the terms of the relevant quarry permit. The said officer shall thereafter submit his report within fifteen days of aforesaid survey to the Commissioner of Geology and Mining.
22. The findings pursuant to para 21 above shall be factored in for determining the final settlement with the quarry permit holder.

*Rate approved by the collector*

*[Signature]*

Geologist

BHARUCH

Date :

CC to - Sarpanchshri Village - MANUBAR, Taluka - BHARUCH

- Mamlatdarshri Ta. - BHARUCH

- Surveyor, Geology and mining dept.

*Recd  
Pawar  
31/12/19*