

81-79
2016-17
भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या: एएआई/एएच/एटीसीओ-61/

द्रुतगामी डाक

दिनांक: 03.08.2017

सेवामें,

श्री मुकेशभाई के. पटेल, दर्शनभाई जे. पटेल एवं अन्य,
(श्री जगदीश भिखाभाई पटेल के द्वारा),
ढोलारिया डिज़ाइन, सी-17, द्वितीय तल, पद्मावती फ्लैट,
नारन नगर बस स्टॉप के समीप, मुकेश पावभाजी के ऊपर,
नरोडा, अहमदाबाद, गुजरात-382330।

M-94261 70828.

विषय: अनापत्ति प्रमाणपत्र पहचान (NOC ID): AHME/WEST/B/072817/235576 का अनापत्ति प्रमाणपत्र जारी करने हेतु।

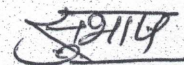
महोदय,

अनापत्ति प्रमाणपत्र पहचान (NOC ID): AHME/WEST/B/072817/235576 के लिए संलग्न अनापत्ति प्रमाणपत्र.

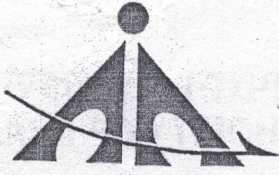
मालिक का नाम : (1) Mukeshbhai K. Patel, (2) Darshanbhai J. Patel & Others.
(अनापत्ति प्रमाणपत्र पहचान के अनुसार)

कार्यस्थल का पता : T. P. S. No. 65 (Tragad - Jagatpur - Chandkheda -
(अनापत्ति प्रमाणपत्र पहचान के अनुसार) Chenpur - Ranip), F. P. No. G1 To G15, 122, 125, 156/2, 169, 170, 196, At Jagatpur Taluka Ghatlodiya District Ahmedabad.

सधन्यवाद,


03/08/17
(सुभाष चन्द्र)

सहा. महाप्रबन्धक (वा. या. प्र. - एन. ओ. सी.)
एवं सदस्य सचिव (एन. ओ. सी. सी.)
कृते विमानपत्तन निदेशक



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

(1) Mukeshbhai K. Patel, (2) Darshanbhai J. Patel & Others

Godrej Garden City, Jagatpur,
Ahmedabad. C/o. Jagdish B. Patel,
(Mo): 9426170828, 9825019983.

Date: 03-08-2017

Valid Upto: 02-08-2025

No Objection Certificate for Height Clearance

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations.

2. This office has no objection to the construction of the proposed structure as per the following details:

NOC ID :	AHME/WEST/B/072817/235576
Applicant Name*	Jagdish B Patel
Site Address*	T. P. S. No. 65 (Tragad - Jagatpur - Chandkheda - Chenpur - Ranip), F. P. No. G1 To G15, 122, 125, 156/2, 169, 170, 196, At Jagatpur Taluka Ghatlodiya District Ahmedabad, At Jagatpur Taluka Ghatlodiya District Ahmedabad, Ahmedabad, Gujarat
Site Coordinates*	72 33 02.19-23 06 45.75, 72 33 06.46-23 07 04.64, 72 33 15.07-23 06 40.65, 72 33 22.35-23 06 58.67, 72 33 34.75-23 06 58.30, 72 33 35.51-23 07 03.35,
Site Elevation in mtrs AMSL as submitted by Applicant*	57.863 M
Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	159.37 M (Restricted)

*As provided by applicant

3. This NOC is subject to the terms and conditions as given below:

a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The office in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994"

b. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

c. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994.

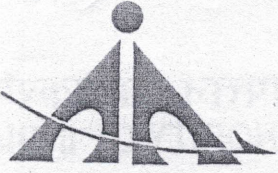
d. No radio/TV Antenna, lighting arresters, staircase, Mumtee, Overhead water tank and attachments of fixtures of any kind shall project above the Permissible Top Elevation of 159.37 M (Restricted) , as indicated in para 2.

Page 1/2

राजीव गांधी भवन
Rajiv Gandhi Bhawan

सफदरजंग हवाई अड्डा नई दिल्ली-110003
Safdarjung Airport, New Delhi-110003

दूरभाष : 24632950
Phone: 24632950



भारतीय विमानपत्तन प्राधिकरण
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- e. Only use of oil fired or electric fired furnace is permissible, within 8 KM of the Aerodrome Reference Point.
- f. The certificate is valid for a period of 8 years from the date of its issue. One time revalidation without assessment may be allowed, provided construction work has commenced, subject to the condition that such request shall be made within the validity period of the NOC and the delay is due to circumstances which are beyond the control of the developer.
- g. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights
- h. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.
- i. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in
- j. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is to ensure the safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.
- k. This NOC has been issued w.r.t. the Civil Airports. Applicant needs to seek separate NOC from Defence, if the site lies within their jurisdiction.
- l. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.
- m. In case of any dispute w.r.t site elevation and/or AGL height, top elevation in AMSL shall prevail.

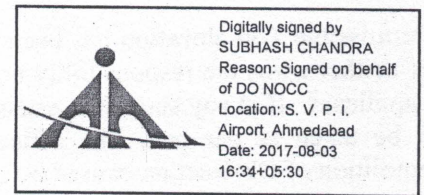
Chairman NOC Committee

Region Name: WEST

Address: Jt. General Manager Airports
Authority of India, SVP
International Airport
Ahmedabad-3800003(Gujrat)

Email ID: nocahm@aai.aero

Contact No: 079-22863396





AHMEDABAD MUNICIPAL CORPORATION

FIRE & EMERGENCY SERVICE

DANAPITH FIRE STATION, (H. Q.)AHMEDABAD - 380 001

PH. : (079) 22148466 / 67 / 68, 32981178, 32981500 FAX : (079) 22148598.

(No.81, Dt.:30/03/2019)

To,
M/s. Shri Siddhi Corporation
D-1001, Ganesh Meridian,
S.G.Highway, Ahmedabad.

Sub: Fire safety & protection, opinion for a proposed high-rise buildings.
(45 meters)

Sir.

This is to intimate that, the plans submitted for high-rise Commercial cum Residential building Block:A/B/C with 2 basements parking + ground floor HPP, shops & common ammenities + 1st to 14th floors residence. At Tragad Sur.no.21/3/2/P,47/1,48/1/A,50/54/P,55/1,56, O.P.no.61,65/P,34/P,73,59, F.P.no.G1, Jagatpur Sur.no.5/C,16, 18/A and others, Chenpur Sur.no.150/2,151,152/2, T.P.no.65 (Jagatpur – Tragad – Chenpur – Chandkheda – Ranip) have all the required line drawings and write-up required for the opinion, are as per the requirement of fire prevention and protection.

All norms as per the GDCR (2021) by AUDA & Gujarat Fire Prevention & Life Safety Measures ACT, 2013 have to be followed as far as the construction and Fire Prevention and Protection system, are to be followed.

Moreover, it is required that all the staircases of the building shall be ventilated above the parapet wall at each floor level and shall be 2 meters clear in width. The staircase and lift shafts shall not go to the basement but if they go they have to be protected by 2 hours fire resistant construction including the doors. (the doors should be certified for stability, integrity & insulation by Fire Research Laboratory, CSIR- Central Building Research Institute, Roorkee- 247-667.)

A motorable road with 40 ton load bearing capacity and 6 metres wide, is required around the building without obstruction to a clear motorable passage for fire/rescue vehicles.

The gate (entry) to the premises shall be minimum 6 meters or more if required, in width, entry gate to be provided on both sides.

The building should have fire Protection system as per approved plans.

- All basements parking, HPP & shops shall be fully sprinklered.
- All basements should have positive pressure ventilation.

After, the building is built and all the required Fire safety and Protection equipment have been installed and after due inspection by the Fire service officer an NOC can be issued. The copies of plans are returned herewith duly signed and have to be submitted during final inspection of the fire fighting system.



M.F. Dastoor
30/3/19
(M.F. Dastoor)
Chief Fire Officer

AHMEDABAD MUNICIPAL CORPORATION

FIRE & EMERGENCY SERVICE

DANAPITH FIRE STATION, (H. Q.)AHMEDABAD - 380 001

PH. : (079) 22148466 / 67 / 68, 32981178, 32981500 FAX : (079)

No. - OPN246011022020-R1 Dt.:12/02/2020

To,

GODREJ GARDEN CITY TOWNSHIP,

GODREJ GARDEN CITY, NR. BSNL ZONAL OFFICE, JAGATPUR ROAD, JAGATPUR, AHMEDABAD.

GODREJ GARDEN CITY, NR. BSNL ZONAL OFFICE, JAGATPUR ROAD, JAGATPUR, AHMEDABAD.

Sub: Fire safety & protection, opinion for a proposed high-rise building / Low-Rise Building - High Rise Building

Sir,

This is to intimate that , the plans submitted for, High Rise Building , have all the required line drawings and write-up are as per the requirement of fire prevention and protection.

All norms as per the GDCR (2021) & CBD by AUDA have to be followed as far as the construction and Fire Prevention and Protection system, are to be followed.

1.5 Meters for - 18 to 25 meters building heights,

2.00 meters for 25 meters to above height, clear in width.

The staircase and lift shafts shall not go to the basement but if they go they have to be protected by 2 hours fire resistant construction including the doors.

A motorable road with 45 ton load bearing capacity and minimum as metion in table; is required around the building without obstruction to a clear motorable passage for fire/rescue vehicles.

Any transformer to be installed shall be away from the building & leaving open Space required around the building and below building height wise open space required around the building.

Margin for different types of building;

1) 8 to 25 Meters building - 3 meters

Plot area more than 750 sq. mt. : 4 Meters

2) Up to 45 Meters building : 6 Meters

3) Up to 70 Meters building : 8 Meters

The gate (entry) to the premises shall be minimum 6 meters or more if required, in width, entry gate to be provided on both sides.

The Fire Protection system shall be as mentioned in the approved plans.

1. All basements parking and HPP shall be fully sprinklered.

2. All lower basements should have positive pressure ventilation.

3. Electric Cable Shaft should have fire resistant doors.

In this Filed we can write what system they required in building So whatever here we write that can be mention in

Builder name						GODREJ GARDEN CITY TOWNSHIP											
Address						GODREJ GARDEN CITY, NR. BSNL ZONAL OFFICE, JAGATPUR ROAD, JAGATPUR, AHMEDABAD.											
T.P.No.						65 (JAGATPUR- TRAGAD-CHENPUR-CHANDKHEDA-RANIP)											
F.P.No.						G-10,G-14,G-15											
R.S.No.						32,33,16 & OTHERS											
Sub Plot No.						0											
Surrounding Margin from building																	
Common Plot Margin from building																	
Building Types						High Rise Building											
	BLO CK:- A TO F	BLO CK:- A1	BLO CK:- A2	BLO CK:- A3	BLO CK:- G	BLO CK:- H	BLO CK:- I	BLO CK:- J	BLO CK:- K+L	BLO CK:- M+N	BLO CK:- O+P	BLO CK:- Q+R	BLO CK:- S+T	BLO CK:- U+V	BLO CK:- W+X	BLO CK:- Y+Z	

[illegible]

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Ramp only permitted for 18 to 25 meters building in margin.

Basic Fire Requirement Notes on plan

Take online print of approved opinion and submitted plan copy .The copies of plans are provide during final inspection of the fire fighting system.

After, the building is built and all the required Fire safety and Protection equipment have been installed and after due inspection by the Fire service officer an NOC can be issued.

Note : if plans are submitted for only industrial building approval, Industrial Building -

Information about all processes, raw material and finished material shall be mentioned in plan.



A handwritten signature in blue ink, appearing to read "M.F. Dastoor", is written over a light blue rectangular background.

(M.F.Dastoor)

Chief Fire Officer

F.No.21-260/2017-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 30th December, 2019

To,

M/s Godrej Properties Limited
2nd Floor, Rudra Path Complex
Near Rajpath Club
Sarkhej, Gandhi Nagar Highway
Ahmedabad - 380059, (Gujarat)
E Mail- godrejgardencity1@gmail.com

Subject: Balance area construction in Godrej Garden City, Ahmedabad by M/s Godrej Properties Limited - Environmental Clearance - reg.

Sir,

This has reference to your online proposal No. IA/GJ/MIS/66174/2016 dated 13th July, 2017, submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986.

2. The proposal for grant of environmental clearance to the project 'Balance area construction in Godrej Garden City, Ahmedabad promoted by M/s Godrej Properties Limited was considered by the Expert Appraisal Committee (Infra-2) in its 21st Meeting held on 21-24 August, 2017, 31st Meeting held on 29-30 May, 2018 and 33rd meeting held on 9-10 August, 2018. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting are as under:-

- (i) The project is located at 23°06'55.66"N Latitude and 72°33'21.40"E Longitude.
- (ii) Earlier Clearance details, Constructions status, if any:

No.	EC Letter Reference and Date	Phase	Built up Area (sqm)	Buildings
1.	SEIAA/GUJ/EC/8(b)/312/2010 16 th December, 2010	Phase I	104343.00	50 (Phase I,III), 1
2.	SEIAA/GUJ/EC/8(b)/308/2012 1 st November, 2012	Phase III	304899.20	School (Phase III)
3.	SEIAA/GUJ/EC/8(b)/68/2013 16 th April, 2013	Phase V	280105.00	35

- (iii) The project is Balance area construction in Godrej Garden City (Integrated Township).
- (iv) The Total Plot area is 8,37,643.00 sqm. The project will comprise of 110 Buildings. FSI area (of proposed expansion) is 9,72,321.30 sqm and total Construction area (built-up area Existing 6,89,347.00 sqm + Proposed 14,65,960.00 sqm) is 21,55,307.00 sqm after expansion. Maximum height of the buildings is 70 m.
- (v) The project was granted ToR by SEAC, Gujarat vide letter No. EIA-10-2015-7207-E-711 dated 23.03.2016.
- (vi) During Construction Phase, after expansion Total water requirement is expected to be 272 KLD which will be met by Tankers (For Domestic use) and existing STP of 1000 KLD (Sprinkling activities). Currently temporary sanitary toilets are provided during peak labor force. During the construction phase, waste water is disposed in



existing 1000 KLD STP at site, same facilities will be provided for proposed construction activities.

- (vii) During operational phase, total water demand after expansion of the project is expected to be 9464 KLD and the same will be met by 5345 KLD fresh water supply from Ahmedabad Urban Development Authority (AUDA)/ Ahmedabad Municipal Corporation (AMCA) and 4119 KLD Recycled Water. Wastewater generated (7403 KLD) uses will be treated in 7950 KLD STPs capacity cluster wise. 7181KLD of treated wastewater will be recycled (2763 KLD for flushing, 1047 KLD for horticulture, 309 KLD for car washing). 3062 KLD treated will be disposed in to municipal drain.
- (viii) After expansion, about 33 TPD solid wastes will be generated in the project. The biodegradable waste (17TPD) will be processed in Organic Waste Converter (OWC) will be provided, Non-biodegradable waste generated (13 TPD) will be sent to the nearest municipal landfill, and Inert waste generated (3 TPD) will be sold to authorized recycle vendors.
- (ix) After expansion total power requirement during construction phase is 70 KVA and will be met from and total power requirement during operation phase is 100 MW. Both will be met from Uttar Gujarat Vidyut Vitaran Company Limited (UGVCL), Ahmedabad.
- (x) After Expansion Rooftop rainwater of buildings will be collected in 325 RWH tanks of total 4879 KLD capacity for harvesting after filtration.
- (xi) Parking facility for 20911 four wheelers and 5228 two wheelers to be provided against the requirement of 15,581 car parks respectively (according to local norms).
- (xii) Proposed energy saving measures would save about 7-8% of power.
- (xiii) No Eco Sensitive areas located within 10 km radius. Dada Hari Vav (Stepwell at Adalaj) -7.0 km and Sabarmati River-4.0 km away from project Site.
- (xiv) There is no case pending in NGT against the project.
- (xv) Investment/Cost of the project is Rs. 4200 Crore.
- (xvi) Employment potential: Approximately 1000 people will get direct employment during operation phase.
- (xvii) Project benefit: The proposed buildings of Balance Area will create additional commensurate infrastructure in connectivity and theme of infrastructure available in the present campus. The expansion phase will create additional employment in different categories such as security personnel, contract workers, construction laborers, tradesmen, machine operators, supervisors, design engineers, MEP engineers, architects, maintenance of the township, conveyance, office staff, etc. Provision of ATM counter, medical store, polyclinic, convenient store, etc. will add to the list of public facilities for the residents of GGC. Shops and convenience store in the area will offer a larger variety of products at competitive rates to the localities and will open up potential for alternate employment (secondary and tertiary).

3. The project/activity is covered under item 8(b) 'Townships and Area Development Projects' of the Schedule to the EIA Notification, 2006.

4. The proposal was considered by EAC (Infra-2) in its 21st Meeting held on 21-24 August, 2017, 31st Meeting held on 29-30 May, 2018 and 33rd meeting held on 9-10 August, 2018. During deliberation, the project proponent informed the Committee that reply to the show cause notice dated 02.07.2016 was submitted to Gujarat Pollution Control Board on 08.07.2016. The matter was closed and Consolidated Consent and Authorization was granted vide No: GPCB/ABD/AMC-CCA-803/ID-34230/ dated 15.10.2016. The EAC deliberated on the proposal including Certified Compliance Reports letter No. 18-A-

J. Bane

255/2012(SEAC/1337,1338 & 1339 dated 30.11.2017 issued by the MoEF&CC's Regional Office (Western Region), Bhopal.

5. Based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, the EAC recommended the project for grant of environmental clearance and stipulated specific conditions along with other environmental conditions. Further, the project proponent was asked to submit the justification for deficiency reported in the Certified Compliance Report and also submit closure report of non-compliances from MoEF&CC Regional Office (Western Region), Bhopal. Response has been received from project proponent vide letter dated 21.10.2019.

As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project 'Balance area construction in Godrej Garden City, Ahmedabad by M/s Godrej Properties Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under:-

PART A – SPECIFIC CONDITIONS:

- (i) The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- (ii) Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.
- (iii) The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.

Topography and natural Drainage

- (iv) The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

Water requirement, Conservation, rain water Harvesting, and Ground Water Recharge

- (v) As proposed, total fresh water requirement from Ahmadabad Municipal Corporation (AMC) supply water shall not exceed 5345 KLD.
- (vi) A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- (vii) The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
- (viii) At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

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- (ix) Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- (x) Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- (xi) Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- (xii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- (xiii) The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, after expansion Rooftop rainwater of buildings will be collected in 325 RWH tanks of total 4879 KLD capacity for harvesting after filtration.
- (xiv) As proposed, no ground water shall be used during construction/ operation phase of the project.
- (xv) Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.

Solid Waste Management

- (xvi) The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- (xvii) Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (xviii) Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.
- (xix) Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (xx) A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.

Sewage Treatment Plant

- (xxi) Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing, gardening and car wash. As proposed, excess treated water shall be discharged to municipal drain.



- (xxii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point shall be obtained.
- (xxiii) No sewage or untreated effluent water would be discharged through storm water drains.
- (xxiv) The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- (xxv) The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.
- (xxvi) The project proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
- (xxvii) Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

Energy

- (xxviii) Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- (xxix) Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
- (xxx) Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report.
- (xxxi) Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
- (xxxii) Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks,



Compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.

- (xxxiii) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be submitted.

Air Quality and Noise

- (xxxiv) Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- (xxxv) Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- (xxxvi) All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- (xxxvii) The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- (xxxviii) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- (xxxix) For indoor air quality the ventilation provisions as per National Building Code of India.
- (xl) Ambient noise levels shall conform to residential standard both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

Green Cover

- (xli) No tree cutting/transplantation of existing trees has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 2,09,411.00 sqm (25% of total area) area shall be provided for green area development.



Top Soil preservation and Reuse

- (xlii) Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

Transport

- (xliii) A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
- Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - Traffic calming measures
 - Proper design of entry and exit points.
 - Parking norms as per local regulation
- (xliv) A traffic management plan as submitted shall be implemented in letter and spirit. Apart detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
- (xlv) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

Environment management Plan

- (xlvii) An environmental management plan (EMP) as prepared and submitted shall be implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.

Others

- (xlviii) Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (xlviii) A First Aid Room shall be provided in the project both during construction and operations of the project.
- (xlix) The company shall draw up and implement corporate social Responsibility plan as per the Company's Act of 2013.

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- (l) As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1st May 2018, As proposed, a fund of Rs. 11 Crore @0.25% of project Cost, shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as development of ROB over Jagatpur railway crossing under PPP mode. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.

PART B - GENERAL CONDITIONS

- (i) A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
- (ii) 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.
- (iii) Officials from the concerned Regional Office of MoEF&CC who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned APCCF, Regional Office of MoEF&CC.
- (iv) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (v) The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
- (vi) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
- (vii) These stipulations would be enforced among others under the provisions of the 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 the EIA Notification, 2006.
- (viii) 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 Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the concerned Regional Office of this Ministry.
- (ix) 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.
- (x) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local

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NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

- (xi) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM_{2.5}, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xii) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
6. This issues with the approval of the Competent Authority.


(Dr. Subrata Bose)
Scientist F

Copy to:

- 1) The Secretary to Government (Environment and Ecology), Forest, Forests & Environment Department, Government of Gujarat Block 14, 8th floor, Sachivalaya, Gandhinagar -382 010, Gujarat.
- 2) The Addl. Principal Chief Conservator of Forests (Central) Ministry of Environment, Forest and Climate Change, Regional Office (WZ) E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3 Ravishankar Nagar, Bhopal- 462016.
- 3) The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
- 4) The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar-382010, Gujarat.
- 5) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- 6) Guard File/ Record File/ Notice Board.
- 7) MoEF&CC website.


(Dr. Subrata Bose)
Scientist F

