



GANDHINAGAR MUNICIPAL CORPORATION

FIRE & EMERGENCY SERVICES

NEAR JILLA PANCHAYAT, 1ST FLOOR, SECTOR 17, GANDHINAGAR - 382017
PHONE NO. 079 23222100 & 079 23222742 EMAIL ID: gmcfire101@gmail.com



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No. GMC/GFES/PREE-NOC/R-7/100/2023

Date:-29-03-2023

To,
Shasvat Infracon Partner Chiragbhai J. Patel,
501, Vrundavan Complex, Naranpura,
Ahmedabad, Gujarat.

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,
Site Name : NA[Commercial + Residential] [Block-A,] [B2+B1+H/G+11)
Address : Khoraj, Gandhinagar.
Survey No. : 365/2,
FP No. : 103,
Sub Plot No. : NA,
OP No. : 103,
D.T.P.S. No. : 409/A (Khoraj-Tragad)
Height : 36.51 Mtrs.

Have all the required line drawings and write-up as per the requirement of fire prevention and protection.

All norms as per the NBC-2016 part-IV fire and life safety guidelines/ Gujarat State Fire Prevention & life safety measures Act - Rules/ GDCR (2021) & CBD by GUDA/ special instructions given by fire officer in charge or Chief Fire Officer have to be followed as far as the construction and Fire Prevention and Protection system is concerned are to be followed as below.

Staircase:

- For building height of 9 to 25 meters - 1.5 meters
- For building height of 25 meters or above - 2.00 meters
- 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.
- Staircase of the building shall be naturally ventilated above the parapet wall.

A clear motorable road with 45 ton load bearing capacity is required around the building without obstruction to provide passage for fire/rescue vehicles.

Any transformer installed shall be away from the building leaving open space required around the building.

Open space Margin for different heights of building is as below;

- ❖ 8 to 25 Meters building - 3 Meters (for plot area below 750 sq.mt) and 4 Meters (for plot area more than 750 sq.mt)
 - 6 meter clear motorable road is required between building blocks
- ❖ Up to 45 Meters building: 6 Meters
 - 9 meter clear motorable road is required between building blocks
- ❖ Up to 70 Meters building: 8 Meters
 - 12 meter clear motorable road is required between building blocks





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- ❖ 100 Meters and Above building: 8 Meters
- 12 meter clear motorable road is required between building blocks

Clear load bearing motorable road will be required on all sides of building block mentioned as above measured from the outer most part of the building block to common plot area/ Building block.

The gate (entry) to the premises shall be minimum 6 meters or more in clear width and at least 6 Meters in height. Moreover the entry gate is to be provided on both sides.

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

- ❖ For Residential, Residential Cum Commercial or Commercial Buildings above 45 meters in height, the build shall be fully sprinklered (including residential parts).
- ❖ For Residential, Residential Cum Commercial or Commercial Buildings above 45 meters in height shall have Multi stage – multi outlet pumps [Main Pump (Hydrant, Sprinklerd) jockey pump and diesel pump]
- ❖ Branch pipe with nozzle shall be hand controlled type
- ❖ All office & Shop shall be fully sprinklered.
- ❖ All lower basements should have positive pressure (Mechanical) ventilation.
- ❖ All basements parking and HPP shall be fully sprinklered
- ❖ Electric Cable Shaft should have fire resistant doors.
- ❖ Double hydrant point on terrace level is required to test Fire Pump capacity i.e. 900 LPM at 3.5 Bars on the Topmost level for all buildings.
- ❖ Ramp Gradient min 1:10
- ❖ Parking or parking shed will not be permitted in required margin as per the height of building.
- ❖ Fire Resistant Doors to be Installed Between Staircase and Foyer for Building Heights 45 mtr. And Above.

Ramp in margin will only permitted for buildings with 18 to 25 meters of height. Extra necessary points to be incorporated regarding fire prevention and protection might be noted on the signed plans. No changes shall be made after the fire plans are approved by the Fire authority.

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.

FIRE OFFICER,
GANDHINAGAR MUNICIPAL CORPORATION





भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Shashvat Infracon Partner Chiragbhai J. Patel
F.P. 103, Nr - the grove, khoraj, Gandhinagar.

Date: 09-03-2023

System Generated Auto Assessment for Height Clearance

1. 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 GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

NOC ID :	AHME/WEST/B/030923/746007
Applicant Name*	Parth D. Prajapati
Site Address*	Draft T.P.S.No. 409/A (Khoraj - Tragad), F.P.No.103, Survey No.365, At Khoraj Taluka Gandhinagar District Gandhinagar
Site Coordinates*	23 08 34.99N 72 33 43.86E, 23 08 34.85N 72 33 45.61E, 23 08 32.89N 72 33 45.61E, 23 08 33.03N 72 33 43.77E
Site Elevation in mtrs AMSL as submitted by Applicant*	62.33 M
Type Of Structure*	Building

*As provided by applicant

Your site is located at a distance 3150 mts from ARP and lies in the grid G9 of the published CCZM of Ahmedabad airport. The Permitted top elevation for this grid is 135 mts.

Since the requested top elevation 117.33 mts in AMSL is below CCZM permitted top elevation, the NOC for height clearance is not required from Airports Authority of India.

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

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If however, at any stage it is established that the actual data is different from the one provided by the applicant, this assessment will become invalid.

b. Airport operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that assessment terms & conditions are complied with.

c. The assessment 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. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This assessment for height 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.



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AIRPORTS AUTHORITY OF INDIA

e. Use of oil, electric or any other fuel which does not create smoke hazard for flight operations is obligatory, within 8 KM of the Aerodrome Reference Point.

f. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC for Defence, if the site lies within jurisdiction of Defence Airport. Applicants also need to seek clearance from state Govt. as applicable, for sites which lies in the jurisdiction of unlicensed civil aerodrome as outlined in Rule 13 of GSR751 (E).

This assessment is system auto generated and thus does not require any signature

Designated Officer

Region Name: WEST

Address: General Manager (ATM)
Airports Authority of India, SVP
International Airport,
Ahmedabad, (Gujarat) -380 003.

Email ID: vaah.noc@aai.aero

Contact No: 079-22858111