भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

SHRI KISHAN MAHIPATSINH DABHI

BHIDBHANJAN PLOTS AND NILKANTHNAGAR MAIN ROAD,UNIVERSITY ROAD,RAJKOT.

Date: 27-03-2019

Valid Upto: 26-03-2027

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 :	**RAJK/WEST/B/022819/375384**
Applicant Name*	**Dharmesh Gediya**
Site Address*	**VILLAGE-RAIYA,TALUKO-RAJKOT,DISTRICT-RAJKOT,SR NO-77-P 81-P,WARD NO-9,TPS NO-4-RAIYA,OP NO-9P 10-P,FP NO-268P 280-P,PLOT NO 6-P(1-A-a to f)-1,RAIYA,Rajkot,Gujarat**
Site Coordinates*	**70 45 50.16-22 17 35.78, 70 45 50.55-22 17 35.25, 70 45 50.81-22 17 36.17, 70 45 51.19-22 17 35.63**
Site Elevation in mtrs AMSL as submitted by Applicant*	**131.83 M**
Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	**162.42 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 Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site.In case of any discrepancy,Designated Officer shall be requested for cancellation of the NOC.

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

d. 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.

e. 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.

f. 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 162.42 M (Restricted) (AMSL), as indicated in para 2.

g. 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.

h. 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.

i. 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

j. 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.

k. 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

l. 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.

m. 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. Applicants also need to seek clearance from state Govt. as applicable, for sites which lies in the jurisdiction of unlicensed aerodrome as outlined in Rule 13 of GSR751 (E)

n. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

o. In case of any dispute w.r.t site elevation and/or AGL height, top elevation in AMSL shall prevail.

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AIRPORTS AUTHORITY OF INDIA

Digitally signed by NAYAK TAPAN K
Reason: Asst. General Manager (ATM-NOC) For DO NOCC
Location: AAI, SVPI Airport Ahmedabad-03
Date: 2019-03-28 09:56+05:30

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

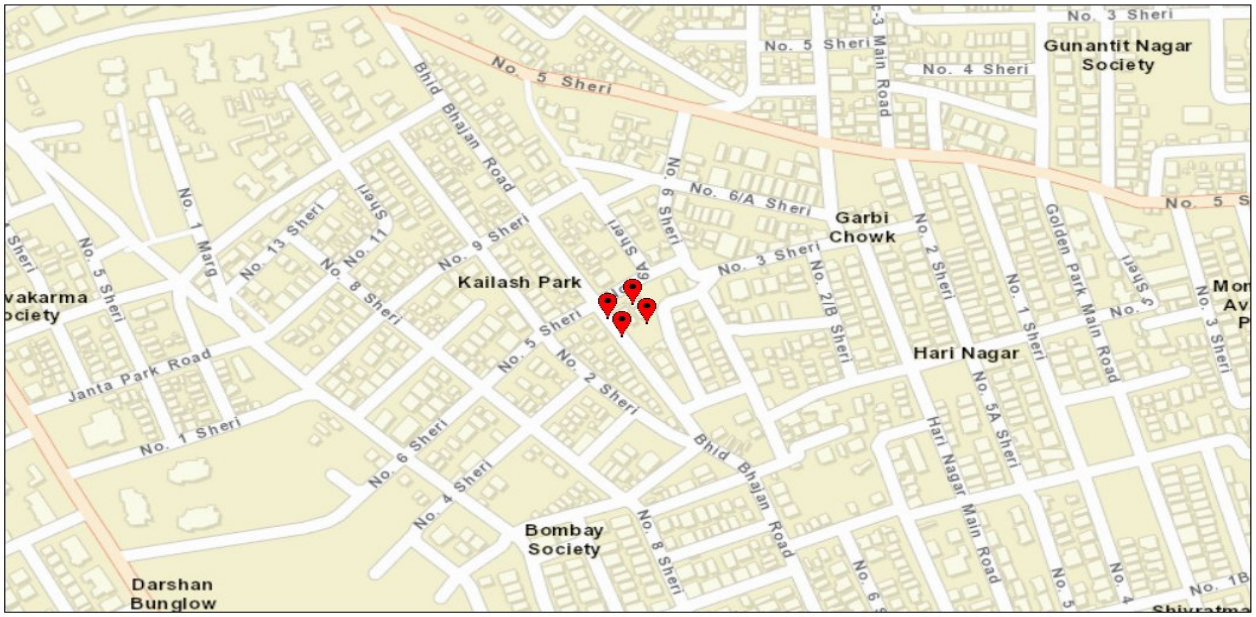
Name / Designation / Sign with Date	
Prepared By :	
Verified By :	

ANNEXURE

Distance From Nearest Airport And Bearing

Airport Name	Distance (Meters) from Nearest ARP	Bearing (Degree) from Nearest ARP
Hirasar	30889.88	249.35
Rajkot	2373.92	220.28
NOCID	RAJK/WEST/B/022819/375384	

Street view



February 28, 2019

1:3,600
0 0.03 0.06 0.12 mi
0 0.05 0.1 0.2 km
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

AAI

Satellite View

February 28, 2019

1:3,600
0 0.03 0.06 0.12 mi
0 0.05 0.1
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, USDA, USGS, AeroGRID, IGN, and the GIS User Community

AAI

RAJKOT MUNICIPAL CORPORATION

Smart City

Dr. Ambedkar Bhavan, Dhebar Road
Fire & Emergency Service
RAJKOT – 360 001.

R.M.C.F.E.S.No.NOC.660. **Date:-26-03-2019.**

TO,
Owner M/s. Shree Dwar Builders Partners and P.O.A Holder,
Shri Kishan Mahipatsinh Dabhi,
Shri Dhaval Balkrishna Dholakiya,
Panchamrut - 01 – Building Tower,
Location: - Bhid Bhanjan Plots And Nilkanthnagar Main Road,
University Road,
Rajkot.

-:: PROPOSED FIRE NOC ::-
Reference No.1.RMC/F.B/NOC/E.No.728, Date:-26-03-2019.

Name of work Proposed Residential (Dwelling-3) Building Plan For Owner M/s. Shree Dwar Builders Partners and P.O.A Holder, Shri Kishan Mahipatsinh Dabhi, Shri Dhaval Balkrishna Dholakiya, Panchamrut - 01 – Building Tower, Location: - Bhid Bhanjan Plots And Nilkanthnagar Main Road,University Road, Rajkot, Type of Building:-Frame Structure, Use of Building:- Residential Building, Building Floor:- G.F. + 1st To 7th Floor, Stair, Height of Building:- 21.80 M. R.Sr.No.77/P+81/P(Raiya), Plot No.6/P+(1-A/a To F)/1, T.P.S. No. 4(Raiya), O.P.No.9/P+10/P,F.P.No.268/P+280/P, Ele.Ward No.09, Area Table:- Total Plot Area= 422.44 sq.mt. F.S.I. Used = 1140.45 sq.mt. / 422.44 sq.mt. = 2.699 < 2.70.

Note: - Fire & Safety measures plan must be submitted before staring the construction work general guidelines are as under.

The proposed building is proposed to be provided with fire protection arrangements such as hose reel House, wet riser, yard hydrant, automatic sprinkler system in basement and manual call point provision at upper floors of each building block, Separate Underground water storage tank 1,00,000 For each block of the Building & Overhead tank 20,000 for each block of the building. Fire Pump 3200 LPM, and head of 50 miters. in each Building ISI standard Silent D.G. set must be meet with requirement of occupier consumptions & Connection of DG should be given to fire fighting pump & ALARM SYSTEM & LIFT of the Building of each block, portable fire Extinguishers installation as per req. Emergency Exit Glow sing, Fire lift Provision etc.

There is no objection to this department for the construction of the said High rise building subject to the compliance of the following fire safety condition.

Rajkot Municipal Corporation Fire and Emergency

1. Main entrance shall be adequate width to allow easy access to the fire fighting appliance and in no case it shall measure less than As Per GDCR The entrance gates shall fold back against the compound wall of the Promises thus leaving the exterior access way within the plot free for Movement of fire service vehicles. If archway is provided over the main entrance than the height of the archway shall not be less than As Per GDCR Access way of As Per GDCR Wide all around high rise block shall be of hard surface capable of taking the weight of the fire engine up to 45 tones and always shall be free from every hindrance parking etc. for easy movement of fire/emergency vehicles.
2. EXIT REQUIREMENTS:- Exit requirements shall meet in accordance with provision as per building bye laws clause 16. Width of the main staircase in building shall not be less than 1.25 m. The treads shall be of non slip type.
3. MEANS OF ESCAPE:- Means of escape / exit shall be a continuous and unobstructed way of exit travel from and shall open towards means of escape which is away from but shall not obstruct the travel along any exit. No door when opened shall reduce the required width of staircase / corridor / passage way. The width of fire escape staircase shall not be less than 100 cms.
4. All exit and exit way marking signs shall be illuminated and wired to independent circuit supplied by alternate source of power supply. Wiring for the illuminated signs must be laid and protected so that it cannot get involved in fire.
5. VENTILATION:- The building shall be provided with adequate ventilation. The provision of lighting and ventilation shall be strictly in accordance with part-VIII Section-I or National building code of India
6. EMERGENCY POWER SUPPLY:- The stand by electric generator shall be installed of adequate cap. to supply power co staircase and corridor lighting circuits, exit signs and fire pump in case of failure of normal electric supply. The generator shall be capable of taking starting current of all the machines and circuit stated above simultaneously and generator must be automatic in action.
7. Non Combustible material shall be used for construction of the building. Raised floors and false ceiling shall also be of non combustible material including structural support members.
8. ELECTRIC WIRING:- The electrical wiring shall be provided in metal conducts. Miniature circuit breaker and earth leakage circuit breaker shall also be installed.
9. STATIC WATER TANK:- An underground static water tank of fighting in the complex as marked on the plans. The replenishment through tube well or from the town main shall be ensured 3200 LPM/ to avoid stagnation of water in static tank the fire tank and passes to a domestic tank. This shall conform part-IV. An additional water storage tank of cap. Shall also be provided on the terrace.
10. STATIONARY FIRE PUMP:- One no. of electrical driven pumping act automatic in operation of LPM cap. Shall be provided at the farthest point. The standby diesel driven pumping set positive suction. The electric connection for fire pump shall be direct from the meter board it

shall have no on/off switch in between. The pressure should be maintaining 3.5 k.g. at Top most hydrant's connections.

11. WET RISER:-1 - Wet riser shall be provided in the bldg. which shall extend from the basement to the terrace floor. The internal hydrants. The wet riser system and landing valves shall conform to is: code of practice.
12. 1 - Way fire brigade inlets shall be provided in the block wet riser.
13. HOSE BOX:- A hose box near each internal hydrant shall be provided comprising of 2 x 15m. Length of 63 mm. rubber lined hose conforming to IS: 903-1984.
14. HOSE REEL:- A hose reel near each internal hydrants containing 30 m. of length of 25 mm. bore terminating into shut off nozzle of 08 mm. Outlet connected directly to down comer shall be provided. This should conform to As per Latest Is:
15. PORTABLE FIRE EXTINGUISHERS: - The portable fire extinguishers of 4kg ABC/DCP and Co2 4.5 kg type shall be provided and marked on the plans. The number of the fire extinguishers may have to be increased later when the layout of the partition etc. in and maintained in accordance with IS: 15683
16. All vertical cable ducts/shafts and electrical niches on various floors of the building must be continuously monitored by fixed temperature heat detectors conforming to BIS Code of practice.
17. AUTOMATIC ALARM SMOKE DETECTOR HEAT DETECTOR GAS DETECTOR:-Should be fixed installation system should be reception to basement, theater banquet area, lobby area of all floor, all Room's per requirement for risk area (i.e.NBC code).
18. SMOKE VENTING SYSTEM:-The system shall be provided in the upper floors of Telephone Exchange building as per relevant code of practice.
19. YARD HYDRANTS: - The yard hydrants shall be provided as proposed in the complex as per specified BIS code of Practice.
20. SPRINKLER INSTALLLATIONS:-Automatic sprinklers shall be installed in the basement building area. Flow alarm switch/gong shall be incorporated in the installation for giving provided near the testing facility. The entire system including pump capacity and head size of pipe net work, office size, source of water supply, provided in accordance to relevant code of practice/relevant rules (i.e. as TAC Rules / NFPA Code). Fire Services inlet shall also be provided at ground floor level.
21. MANUAL CALL POINTS:- Manual electrical call points at suitable locations on each floor of building shall be installed conforming to K-ll.l.l. Of the unified building bye laws.
22. AIR CONDITIONING SYSTEM:- Following points must be ensured in respect of the air conditioning system :

(A) The ceiling and all its fixtures must be combustible material.
(B) Wherever the ducts pass through walls of floors the opening around the ducts must be sealed with fire resisting material. Air ducts must not pass through the staircase enclosures.

(C) The air filters of the air handing units must be of non combustible material. Air handling units must not be used for storage of any handling material.

(D) Fire dampers shall be provided in the ducts.

(E) Escape routes like staircase, corridors must not be used as return air passage.

23. LIGHTING PROTECTION:-The lighting protection system is conforming to IS: 2309 shall be provided in the building.

24. LIFT GROUNDING SWITCH:-The lifts must be equipped with fireman switch so that it is possible to ground all lifts during a fire emergency. In case of failure of normal supply it shall automatically trip over to the Alternate supply. Suitable arrangements such as providing slope in the floor of lift lobby shall be made to prevent water during fire fighting etc. at any landing room entering into the lift shaft. All other conditions as laid down in NBC Part - IV (D-1.5) shall also be followed.

25. CONTROL ROOM/SECURITIY ROOM:- The control room / security room on the entrance of ground level with communication system to all floors and facilitate for receiving messages from different floors. Details of all floor plans along with the detail of firefighting equipment and installations shall be maintained in the control room.

26. HOUSE KEEPING:- To prevent the fire hazard, good housekeeping both inside and outside the building shall be strictly maintenance by MTNL authorities. The periodic inspection and maintenance of under floor space and false ceiling shall also be carried out to eliminate the fire risk.

27. GENERAL:- The fire prevention/fire safety measures recommended above cannot be effective unless these are backed by the administrative measures and the building, including the maintained in the top condition at times.
The building or part there of shall not be occupied unless compliance is ensured.

28. All the fire fighting system should be in accordance with the provision of Bombay provincial municipal corporation Act.1949 and National Building code Act.

Note:- (1)After completion of above fire fighting system installation work and On The basis of Inspection of Chief Fire Officer NOC will be issued.

Municipal Corporation Fire and Emergency

I/C Chief Fire Officer
Fire & Emergency Services
Rajkot Municipal Corporation

Copy to :-
1. **T.P.O.**