



Nashik Municipal Corporation
Fire & Emergency Services Nashik
Hutatma Veer Bapurao Gaidhani Fire Station Shingada Talav Nashik - 422001



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MFS / Prov./Edu- 06 /2023

Date: 01/08/2023

To,

Horizon English Medium School
Ozar (MVP), Gat. No.1766 &1763, At- Ozar
Tal.- Niphad, Dist.- Nashik

Sub : NOC stipulating fire protection and fire fighting requirements for your proposed construction Educational Building of **Horizon English Medium School, Ozar (MVP), Gat. No.1766 &1763, At- Ozar Tal.- Niphad, Dist.- Nashik**

Ref : Application No. (MFS / No.45), dated 28/06/2023

This is a proposal for construction of Educational building as detailed given below.

Total Plot area is **20600.00 Sq.mts** and Proposed built up area is **5653.56 Sq.mts. (incl area free of FSI)** The said building consist of Ground + 2 Floor and Height of the Building is **12.60 Mtrs.** The detail of the proposed Construction is as under,

Sr.No.	Floor	Total built up area	built up area	Height of Floor
1	Ground Floor	1924.54 Sq.mts.	20715.74 Sq.mts.	4.60
2	First Floor	1864.51 Sq.mts.	20069.58 Sq.mts.	8.60
3	Second Floor	1864.51 Sq.mts.	20069.58 Sq.mts.	12.60
	Total built up area	5353.56 Sq.mts.	60854.91 Sq.mts.	

The site abuts on 12 mtrs. wide Road on West side. The open spaces around the building are as follows:

Direction	Building line to plot boundary in Mtrs
West	8.29 Mtrs.
North	86.06 Mtrs.
East	15.69 Mtrs.
South	27.50 Mtrs.

This N.O.C. is valid subject to fulfillment of the following conditions :- Provisions of Maharashtra Fire Prevention and Life Safety Measures Act, 2006

1. Under **Section 3** of “**Maharashtra Fire Prevention and Life Safety Measures Act, 2006**” (here in after referred to as “said Act”). The applicant (developer, owner, occupier by whatever name called) shall comply with all the Fire and Life Safety measures adhering to National Building Code of India, 2016 and as amended from time to time failing which it shall be treated as a violation of the said Act.
2. As per the provision as **under :- 10** of the said Act. No person other than the License Agency shall carry out the work of providing Fire Prevention and Life Safety Measures or performing such other related activities required to be carried out in any place or building or part thereof provided that,
 - A) If the Director, MFS is satisfied that, for any reason, to be recorded in writing, the owner or occupier is not able to carry out the fire prevention and fire safety measures in any such place or building or part thereof through a Licensed Agency, he may authorize any person or persons he thinks fit to carry out such work, and any work carried out by such authorized person or persons shall be deemed to be carried out by a Licensed Agency.
 - B) No Licensed Agency or any other person claiming to be such Licensed Agency shall give a certificate **under sub-section (3) of section 3**, regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance. The names of the License Agencies approved by Directorate of Maharashtra is available on our website www.mahafireservice.gov.in
3. Though certain conditions are stipulated from the said Act and the National Building Code of India, it is obligatory on part of the applicant that is developer, builder, occupier, owner, tenant, by what so ever named called to abide with the provisions of the said Act failing which it shall be actionable under the provisions of said act.
4. The plans of the building should be approved by The Concern Competent Authority.
5. The Occupancy certificate should be obtained from The Competent Authority. **The O.C. shall be issued subject to “Final No-Objection Certificate”** from this Department.
6. Proper roads in the premises should be provided & marked on ground for easy mobility of the Fire Brigade Appliance as per the guidelines given in NBC-2016, should be kept free from obstructions all the time. The load bearing capacity of internal roads must be minimum 45Tones. The width of the road shall not be less than 6.0 Mtrs for easy maneuver of the fire engine. However, the marginal open space shall be seen in to by the concern competent authority of the building proposal department.
7. **Inspection of Fire Fighting installation will be carryout by the representative of this Fire department during installation of the Fire fighting system**
8. All portable fire fighting equipment's installed at various locations as per local hazard such as Co2-DCP, Foam, Fire buckets should be strictly confirming to relevant IS specification. All the fire fighting equipment's shall be well maintained and should be easily accessible in case of emergency. The monitoring mechanism for all Fire Fighting equipment should be designed and implemented. **The Guidelines should be followed based on IS 15683 & IS-2190 – Code of Practice for selection, Installation and Maintenance of Portable First-Aid Fire Extinguishers.**
9. All the fire fighting equipment's shall be well maintained and should be easily accessible in case of emergency.
10. Emergency Telephone numbers like “Police”, “Fire Brigade”, “Hospital”, “Doctors”, and

- “Responsible persons of the company”** should be displayed in security cabin & production building.
11. It shall be ensured that security staff & every employee of the co. are trained in handling fire fighting equipment's & fire fighting.
 12. **“Fire Extinguisher”, “Fire Bucket”“Danger”“No Smoking”** caution boards should be displayed at the places physically shown & the caution boards should be easily visible and as per the guidelines given in IS:9457, IS: 12349 and IS:12407.
 13. The house keeping shall be well maintained within the entire premises.
 14. All electrical appliances / fittings and fixtures should be strictly flame proof.
 15. The Fire Exit Drill or Evacuation Drill should be plan and instruction should be given to the staff minimum **four times in a year** and drill should be carried out **twice in a year**.
 16. **“On-Site”&“Off Site”** emergency plan /**Evacuation Plan** shall be prepared & mock drills shall be conducted twice a year & instructions to every employee shall be given once in three months.
 17. In future if the developer in tends to go for expansion, alteration, modification of any building an approval of fire department must be obtained before commencing proposed construction.
 18. Stability certificate to all buildings shall be obtained from Architect or competent person as per the Rule 3-A of Maharashtra Factories Rules, 1963.
 19. The height & other clearances / approvals must be obtained from local “Civil Aviation Department, if necessary”.
 20. All necessary approvals required from Government / Planning / Special Planning Authority shall be obtained, as applicable.

REQUIREMENT AND PROVISION:-The following Fire Protection System is required for the fire safety of the building:- (As per requirement of Table 7 of Part 4)

Sr. No.	Fire Fighting Installation	Requirements	Provision	Remarks
1.	Portable Fire Extinguishers	Required	At Various Locations.	The Guidelines should be followed based on IS:2190&15683
2.	Hose Reel	Required	In all staircases	On each floor in the Staircase landing for Fire Fighting. The first aid hose reel shall be connected directly to riser /down comer main and diameter of the hose reel shall not be less than 19mm.confirming to IS 884:1985
3.	Down Comer	Required		
4.	Wet Risers	Not Required	In all staircases	Required to provide in the Staircase and Fire Escape Staircase Landing of Valve should be installed confirming To IS:5290.
5.	Yard Hydrant or Ring hydrant around the building	Required	At Various Locations.	Fire Brigade Inlet connection should be provided. Hydrant points should be provided with 2 Nos. of Delivery Hose confirming to IS-14933-2001 along with Standard Branch (Universal) confirming to IS-2871. The distance between 2

				Hydrants should not be more than 45mtrs. <u>The guidelines should be followed as per IS,3844:1989.</u>
6.	Manually Operated Fire Alarm System	Required	At Various location	Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply incase of emergency.
	Underground Static Storage Tank	Required – 50,000 Ltrs.		This water storage should be used exclusively for Fire Fighting.
7.	Terrace Level Tank	Required - 5,000 Ltrs.		On each Building
8.	Fire Pump	01 No.-1620 lpm (Main Electric pump) 01 No.- 1620 lpm Diesel Driven pump 01 Nos. 180 lpm Jockey pump Electric driven		Fire Fighting pumps shall be well maintained.
9.	Fire Brigade Connection- For Static Water Tank and For Hydrant System	Required at the Main Gate		
10.	Sign Indicators for all fire safety ,safe evacuation of occupants in case of emergency signs	Required at Prominent Places	Sign indicators should provided at prominent places as per the guidelines given in IS:9457 for Safety color and Safety IS:12349 for Fire Protection Safety Signs IS: 12407 for Graphics symbols for Fire Protection Plan.	
11.	Fire Doors	Required	Fire Doors of 2 hrs. Fire Resistance Rating should be provided at the entrance of the staircase. Certification from the Competent Authority.	
12.	Automatic Detection System	Not Required	Automatic Detection system should be provided. Standards and guide lines given in IS-11360-1985 specification for Smoke Detectors for use in Automatic Electrical Fire Alarm system. <u>Detection system for Cable Trench should be provided.</u> Heat Detectors should be provided for Canteen Area as per the standards and guidelines given IS-2175-1988 specification for Heat sensitive Fire Detectors for use in Automatic Fire Alarm System.	
13.	Sprinkler System	Not Required	Guidelines are given in IS: 15105 Design and installation of Fixed Automatic sprinkler fire Extinguishing system	
14.	Emergency Lights	Required	Required at prominent places	
15.	Auto D.G. Backup	Required	Required for all fire safety systems	

Note: Fixed fire fighting installations such as risers, hydrant connections, hose reels etc. shall be provided in separate shaft having opening at floor level with Glass cabinet having locking arrangement to avoid the ft and damage.

GUIDELINES FOR INTERNAL STAIRWAYS as per NBC 2016

Ref NBC Part 4, Clause No.4.4.2.4.3.2

EXTERNAL STAIRCASE OR FIRE ESCAPE STAIR CASE:-

Ref NBC Part 4, Clause No.4.4.2.4.3.4

STAIRCASE DESIGN REQUIREMENT:

Ref NBC Part 4, Clause No.4.4.2.4.3.1

FIRE LIFT:

Ref Part 8 Section 5, Clause 7

LIFT ENCLOSURES:-

Ref Part-8 Section -5, Clause-7

Guidelines for Refuge Area:-

Ref E-4 of NBC Part -

BASEMENT PROVISION:

Ref Part 4, Clause 4.2.19

PODIUM

Ref Part 3, Clause 4.6.1

Special Requirement such as LPG Storage, Kitchen, Raw Material etc.

(as per the requirements)

Service Ducts and Shaft

Ref Part 4, Clause 3.4.5.4

ELECTRICAL SERVICES:

Ref Part 4, Clause 3.4.6

Access:-

Two entrance gates each of width not less than 04.50 mtr and height clearance not less than 04.50 mtrs shall be provided.

Courtyards:-

- i) The courtyards on all sides of the building shall be paved suitably to bear the load of fire engines weighing up to 45m. tones and shall be flushed to road level.
- ii) The courtyards shall be in one plane

PORTABLE FIRE EXTINGUISHERS:-

- a. Two Dry Chemical Powder (A.B.C.) type fire extinguisher of 4 kgs. Capacity and CO2 Type of Extinguisher of 4.5kg having I.S.I. certification mark and two buckets filled with dry, clean sand shall be kept in Electric meter Room as well as Lift Machine room of each building.
- b. Adequate Nos. of Dry Chemical Powder (A.B.C.) type fire extinguishers each of 4 Kgs. Capacity having I.S.I (15682 & 2190) certification mark shall be kept at parking area equally distributed at prominent places in stilts.

TERRACE DOOR:

- i) The top half portion of the doors shall be provided with louvers.
- ii) The latch- lock shall be installed from the terrace side at the height of not more than 1mtrs.
- iii) The glass front of 6 inch diameter with the break able glass shall be provided just above the latch lock, so as to open the latch in case of an emergency by breaking the glass.

SIGNAGES:-

Self glowing / fluorescent EXIT signs in green color shall be provided showing the means of escape for the entire building.

In addition to the above, all provision under the National Building Code of India-2016 shall be strictly adhered, also if any change in activity or Proposed expansion or Subletting of Plot, NOC from this department is essential.

This is a "**Provisional No-Objection Certificate**". After compliance with above mentioned recommendations /conditions, inspection of the fire prevention & protection systems provided by you will be carried out by this department & after satisfactory erformance of the system "**Final No-Objection Certificate**" will be issued.

The undersigned reserves right to amend any additional recommendations deemed fit during the final inspection due to the statutory provisions amended from time to time and in the interest of the protection of the company.

As per Maharashtra Fire Prevention and Life Safety Measures Act, 2006, Section 25-Annexure- Part III, **Horizon English Medium School Ozar (MVP)**, Gat. No.1766 &1763, At- Ozar , Tal.- Niphad, Dist.- Nashik had paid Fire Protection Fund Fees amounting to **Rs 5,48,395/-** (Five Lakh Forty Eight Thousand Three Hundred and Ninety Five Rs. Only)vide UTR No.IBLR92023073100040783, dated 31/07/2023

However, Town Planning is requested to verify the total built up area and inform this Department for the purpose of levying additional Capitation fee.

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KACHAR by SANJAY
ADAS KACHARADAS
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Date:
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Copy submitted to:

1. The Director, MFS, Mumbai for information ,please
2. The Concern Planning Authority for information.