



AHMEDNAGAR MUNICIPAL CORPORATION, AHMEDNAGAR

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Date 4/10/2024

To,
DR. Balasaheb Vikhe Patil,
SCHOOL Building (CBSE)
TAL.SHEVGAON, Dist-Ahmednagar.

Sub : Grant of "Provisional No-objection Certificate" for proposed and existing construction of SCHOOL Building,

Ref. : 1. Application No. (MFS/AMC/103/2023.), Dated:-21/03/2023

2. PMT'S DBVPS/2024-25/01 Dated:-03/06/2024

This is a proposal for construction of Hospital building as detailed given below. Proposed built up area is 8360.1 Sq.mts The said building consist of Ground Floor and Height of the Building is 18.7mtr. The detail of the proposed Construction is as under,

Sr. No.	Floor	Built Ufp Area in Sq. Mtrs	
01	Ground Floor	B/U area in sq.mtr	Hight of Building
02	First Floor	1935.00	18.7 mtr
03	second Floor	1820.12	
04	Third floor(PART A)	1807.94	
04	Third floor(PART B)	1856.54	
Built up area in Sq. Mtrs		940.50	

Provisions of Maharashtra Fire Prevention and Life Safety Measures Act, 2006

- Under Section 3 of "Maharashtra Fire Prevention and Life Safety Measures Act, 2006" (hereinafter 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, 2005 and as amended from time to time failing which it shall be treated as a violation of the said Act
- 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) 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,
- B) without there being actual such compliance or maintenance. The names of the License Agencies approved by Directorate of Maharashtra is available in 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 for easy mobility of the Fire Brigade Appliance & marginal spaces should be kept free from obstructions all the time. The load bearing capacity of internal roads shall not be less than **45 Tons**. The width of the road shall not be less than **6.0 Mtrs**.
7. All portable fire fighting equipments installed at various locations as per local hazard such as Co2-DCP, Foam, Fire buckets should be strictly as per and confirming to **IS: 15683**.
8. All the fire fighting equipments shall be well maintained and should be easily accessible in case of emergency.
9. Emergency Telephone numbers like **"Police", "Fire Brigade", "Hospital", "Doctors", and "Responsible persons of the company"** should be displayed in security cabin & office of the school building.
10. It shall be ensured that security staff & every employee of the school are trained in handling fire fighting equipments & fire fighting.
11. **"Fire Extinguisher", "Fire Bucket" "Danger" "No Smoking"** caution boards should be displayed at the places easily visible from a distance. 12. The house keeping shall be well maintained within the entire school building
13. Fire buckets **06 Nos.** filled in with fine sand will have to be installed on strategic locations and should be easily accessible in case of emergency
14. All electrical appliances/fittings and fixtures should be strictly flame proof

REQUIREMENT AND PROVISION: - The following Fire Protection System is required for the fire safety of the building:-

Sr. No.	FIRE FIGHTING INSTALLATION	Requirements	Provision	Remarks
1.	Portable Fire Extinguishers	Required	IS: 2190 & 15683	As per IS: 2190 & 15683
2.	Hose Reel	Required at prominent places.	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.	Yard Hydrant or Ring hydrant around the building	Required at prominent places.	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 45 mtrs. <u>The guidelines should be followed as per IS 3844:1989.</u>
4.	Wet Riser	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.	Underground Static Storage Tank	100000		This water storage should be used exclusively for Fire Fighting
6.	Terrace Level Tank	Required 25,000 Ltrs.		On each Terrace/ each building

Sr. No.	FIRE FIGHTING INSTALLATION	Requirements	Provision	Remarks
7.	Fire Pump	02 No. 1620 Lpm electrical Driven main Pump. 01 No. 180 Lpm electrical Driven JOCKEY Pump. 01 No. 1620 Lpm DEISEL Driven Pump		Fire Fighting pumps shall be well maintained. Fire pumps shall be centrifugal pumps only. Fire pump, Jockey Pump and Booster pump separate set shall be provided for each tank /wing.
8.	Fire Brigade Connection- For Static Water Tank and For Hydrant System	Required at the Main Gate and on fire water tank		
9.	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 colour and Safety Signs IS:12349 for Fire Protection Safety Signs IS:12407 for Graphics symbols for Fire Protection Plan.
10.	Sprinkler System	NA		Sprinkler system should be provided on each floor. Guidelines are given in IS 15105 Design and installation of Fixed Automatic sprinkler fire Extinguishing system
11.	Automatic Detection System	NA		Automatic Detection system should be provided. Standards and guidelines 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.
12.	Manual Call Point	Required		Manual Call Point should be provided at prominent places.
13.	Emergency Lights	Required		Required at prominent places

NOTE: Fix 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 theft and damage.

GUIDELINES FOR INTERNAL STAIRWAYS as per NBC 2016

- a) Stairways shall be constructed of non-combustible materials throughout. Hollow combustible construction shall not be permitted. **Width of Staircase should not be less than 2.2 M.** No Gas piping shall be laid down in the stairway.

Internal staircase shall be constructed as a self-contained unit with at least one side adjacent to external walls and shall be completely enclosed.

- b) Internal staircase shall not be arranged around lift shaft unless the latter is entirely enclosed by material of fire resistance rating as that for type of construction itself.
- c) The access to main staircase shall be gained through at least half-an-hour fire resisting automatic closing doors, placed in the enclosing walls of the staircase. They shall be swing type doors opening in the direction of the escape.
- d) No living space, store or other space, involving fire risk, shall open directly in to staircase.
- e) The external exit door of a staircase enclosure at ground level shall open directly to the open space or should be accessible without passing through any door other than a door provided to form a draught lobby.
- f) The exit signs with arrows indicating the escape routes shall be provided at a height of 2.0 m. from the floor level on the wall and shall be painted with fluorescent paint. All exit signs should be flush with the wall and so designed that no mechanical damage to them can result from the removing furniture, material or any other equipment.
- g) Exits shall be so located that it will not be necessary to travel more than 22.5 Mtrs. from any point to reach the nearest exit.

STAIRCASE DESIGN REQUIREMENT:

1. The minimum headroom in a passage under the landing of a staircase and under the staircases shall be 2.2 Mtrs.
2. Access to main staircase shall be through a fire / smoke check door of a minimum 2 hours fire resistance rating.
3. No living space, store or other fire risk shall open directly in to the staircases.
4. The main and external staircases shall be continuous from ground floor to the terrace level.
5. No electrical shafts, A/c ducts or gas pipe etc. shall pass through or open in the staircases. Lifts shall not open in staircases.
6. Pursuant to 4.4.2.4.3 of part of 4 of the NBC 2016 provision of at least Two Stairs is mandatory.

FIRE ESCAPE: (ENCLOSED TYPE) SHALL COMPLY THE FOLLOWING:

1. Fire escape constructed of M.S. angles, wood or glass is not permitted.
2. Opening of the Fire Escape Staircase should be from outside.
3. Fire Escape staircase should be enclosed type. These should always be kept in sound operable condition.
4. Exits door shall open outwards, that is away from the room, but shall not obstruct the travel along any exit.
5. Fire Escape Staircase shall be directly connected to the ground.
6. Entrance to the Fire Staircase shall be separate and remote from the internal staircase.

7. Care shall be taken to ensure that no wall opening or window opens on to or close to Fire Escape Stairs.
8. The route to the external staircase shall be free of obstructions at all times.
9. The Fire Escape stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.
10. No Staircase, used as a fire escape, shall be inclined at an angle greater than 45° from the horizontal.
11. **The width of the staircase. The other detailed provision for exits in accordance with National building code - 2005.**
12. Fire Staircase shall have straight flight not less than 200 c.m. wide with 25 c.m. treads and risers not more than 19 c.m. The number of risers shall be limited to 15 per flight.
- 13 Handrails shall be of a height not less than 100 c.m. and not exceeding 120 c.m.

CANTEEN AREA (LPG Storage) :

If L.P.G. is used for cooking purpose in canteen the L.P.G. pipelines & fittings & accessories used shall be strictly conforming to **IS: 6044 Part-I**. The L.P.G. pipeline & related installation shall be done by reputed and authorized agency. The agency shall issue a certificate that the work is carried out as per **IS: 6044 Part-I**.

The L.P.G. storage area shall be provided with a separate shed painted in "RED" colour, "Danger" "No-Smoking" signs shall be painted on the door of L.P.G. shed. The shed should be always kept in lock and key & the key of the L.P.G. shed shall be kept with responsible person of the company.

Minimum Two Exits should be provided diagonally opposite to each other and minimum two staircases diagonally opposite shall be provided to approach first floor of the canteen building.

4 Nos. of DCP Fire Extinguishers of 10 Kgs each should be provided near LPG Battery.

ELECTRICAL SERVICES:

1. The electric distribution cables/wiring shall be laid in separate duct. The duct shall be sealed at every alternate floor with non-combustible materials having same fire resistance as that of the duct.
2. Water mains, telephone lines, intercom lines, gas pipes or any other service lines shall not be laid in the duct of electric cables.
3. Separate circuits for water pumps, lifts, staircase & corridor lighting shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes so that fire in one circuit will not affect the others.
4. The inspection panel doors and any other opening in the shaft shall be provided with airtight fire doors having the fire resistance of not less than two hours.
5. Medium & low voltage wiring running in shaft and within fall ceiling shall run in metal conduit.
6. An independent & well-ventilated service room shall be provided on the ground floor with direct access from outside or from the corridor for the purpose of termination of electric supply. The doors provided for the service room shall have fire resistance of not less than two hours.

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 performance of the system "Final No-Objection Certificate" will be issued.

As per Maharashtra Fire Prevention and Life Safety Measures Act, 2006, Section 25-Annexure-Part III, DR. Balasaheb Vikhe Patil, SCHOOL Building

(CBSE)

TAL SHEVGAON, Dist-Ahmednagar, has paid Fire Protection Fund Fees amounting to Rs.25330. (Rs.TWENTY FIVE THOUSAND THREE HUNDRED AND THIRTY)Vide UTR No. NO90232394951827 Dated. 31/03/2025.

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



[Signature]
Chief Fire Officer
Ahmednagar Municipal Corporation

Sr. No.	Particulars	Area in sq.mtr	Rate
01	Ground Floor	870	29.11
02	First Floor	104.00	11.70
03	2nd Floor	1870.12	
04	Third Floor (PART A)	1807.04	
05	4th Floor (PART B)	1856.54	
	Total built up area in sq. mtr	5440.70	

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2. As per the provision as under - 12 of the said Act. No person other than the Licensed Agency shall carry out the work of providing Fire Prevention and Life