



Malegaon Municipal Corporation

Fire & Emergency Services, Malegaon

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MFS/O.W./P./126/2024

Date : 25/10/2024

To,

Jamia Islamia Ishaat-Ul-Uloom's

Ahmad Garib Unani Medical College & As Salam Hospital

Gat No.49, Akkalkuwa,

Tal. Akkalkuwa Dist. Nandurbar

Sub : NOC stipulating fire protection and fire fighting requirements for your
Proposed construction of Ahmad Garib Unani Medical College & As Salam
Hospital, Gat No.49, Akkalkuwa, Tal. Akkalkuwa Dist. Nandurbar
Ref.: Application No. MFS/I.W./110/2024, Date : 24/09/2024

This is a proposal for Old Building construction of Group C, Institutional Building, Sub Division C-1 as detailed given below. Total Plot Area is 2000.00 Sq. Mtrs. The said of building consists of Ground Floor + 1st Floor + 2nd Floor and height of the building is 10.80 mtrs. The detail of the proposed construction is as under.

| Sr. No. | Floor | Built up area in sq. mtrs. |
|----------------------------|-----------------------|----------------------------|
| 1 | Ground Floor | 524.33 |
| 2 | 1 st Floor | 507.89 |
| 3 | 2 nd Floor | 636.27 |
| Built up area in Sq. Mtrs. | | 1668.49 |

The site abuts on 25.00 mtrs. wide road on South Side. The open space around the building are as follows :

| Direction | Building line to Plot Boundary in mtrs. |
|-----------|---|
| East | 9.00 |
| West | 8.00 |
| North | --- |
| South | 14.00 |

This NOC is valid subject to fulfillment of the following conditions provisions of Maharashtra Fire Prevention & Life Safety measure rules 2006.



1. Under **Section 3** of "**Maharashtra Fire Prevention & Life Safety Measure Rules 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 till which it shall be treated as a violation of the said act.
2. As per the provisions 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.
 - B) 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 life safety measures in any such place or Building or part thereof through a licensed agency. He may authorize any person or persons shall be deemed to be carried out by 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 & life safety measures or maintenance thereof in good repair & efficient condition, without there being actual such compliance or maintenance. The names of the licensed agencies approved by Directorate 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 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 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 45 tones. The width of the road shall not be less than 6 mtrs. For easy maneuver competent authority of the building proposal department.**
7. **Inspection of fire fighting installation will be carry out by the representative of this fire department during installation of the fire fighting system.**
8. All portable fire fighting equipments 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 equipments shall be well maintained and should be easily accessible in case of emergency. The monitoring mechanism for all firefighting

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 equipments shall be well maintained & should be easily accessible in case of emergency.
10. Emergency telephone numbers like "Police", "Fire Brigade", "Hospital", "Doctors & Responsible Persons" should be displayed in security cabin and production building.
11. It shall be insured that security staff and 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 / fitting sand 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 side" emergency plan / evacuation plan shall be prepared & mock drills should 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" in necessary.
20. All necessary approvals required from government / planning / special planning authority shall be obtained, as applicable.

REQUIREMNT 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 | | 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 | 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. |
| 4 | Yard Hydrant | Required | | Required |
| 5 | Sprinkler System | Required | | Sprinkler system should be provided on each floor. Separate Pumping arrangement should be provided for the Basement. Guidelines are given in IS 15105 Design and installation of Fixed Automatic sprinkler fire Extinguishing system. |
| 6 | Manually Operated Fire Alarm System | Required | At Various Locations | Manually Operated Fire Alarm should be provided; it should be connected to alternate power supply in case of emergency. |
| 7 | Automatic Detection System | Required | | 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. Detection system for Cable Trench should be provided. 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. |
| 8 | Underground Static Storage Tank | Required 1,00,000 Ltrs. | | This water storage should be used exclusively for Fire Fighting. |
| 9 | Terrace Level Tank | Required 10,000 Ltrs. | | |
| | | | | On Each Terrace |



| | | | |
|----|--|--|---|
| 10 | Fire Pump | 1 Nos. – 1620 LPM (Main Electric Pump) 1 Nos. – 1620 LPM Diesel Driven Pump (Stand by) 1 Nos. – 180 LPM Electric Driven (Booster Pump on Terrace) | Fire Fighting pumps shall be well maintained. Booster pump should be provided on each terrace. |
| 11 | Fire Brigade Connection – For Static Water Tank And For Hydrant System | Required at the Main Gate | |
| 12 | 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 IS:12349 for Fire Protection Safety Signs IS:12407 for Graphics symbols for Fire Protection Plan. |
| 13 | 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. |
| 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 STAIRCASE:

Ref NBC part 4, clause No. 4.4.2.4.3.4

STAIRCASE DESIGN REQUIREMENTS:

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 Part 4 NBC Part 4

PODIUM

Ref Part 4 Clause 4.6.1

Special requirement such as LPG Storage, Kitchen, Raw Material etc.
(as per the requirements)

SERVICE DUCTS AND SHAFTS

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 4.50 mtrs. and height clearance not less than 4.50 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 45 m. tones and shall be flushed to road level.
- ii) The courtyards shall be in one plane.

PORTABLE FIRE EXTINGUISHERS:

- a. Two dry chemical powder (ABC) type fire extinguisher of 4 kgs. Capacity and Co2 type extinguisher of 4.5 kg. having ISI certification mark and two buckets filled with dry, clean and shall be kept in electric meter room as well as lift machine room of each building.
- b. Adequate Nos. of Dry Chemical Powder (ABC) type fire extinguishers each of 4 kg. Capacity having ISI (15682 & 2190) certification mark shall be kept at parking area equally distributed 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 1 mtrs.
- iii) The glass front of 6 inch diameter with the breakable glass shall be provided just above the latch lock, so as to open the latch in case of an emergency by breaking the glass.

