Malegaon Municipal Corporation

Fire & Emergency Services, Malegaon

Email : chieffireofficermmc@gmail.com

MFS/O.W./P./99/2023 Date : 24/08/2023

The Secretary,
Shantai Education Society,
Gat No.508/2B 2A2, 508/2B 2B2,
Pimpalner, Tal. Sakri Dist. Dhule

Sub : NOC stipulating fire protection and fire fighting requirements for your Proposed construction of Shantai Education Society, Gat No.508/2B 2A2, 508/2B 2B2, Pimpalner, Tal. Sakri Dist. Dhule

Ref. : Application No. (MFS/I.W./111/2023) Dated : 24/08/2023

This is a proposal for construction of Group B, Educational Building, Sub Division B-1, Shantai Education Society as detailed given below. Total Plot Area is 8810.78 Sq. Mtrs. The said of building consists of Ground Floor + 1st Floor. The detail of the proposed construction is as under.

Sr. No.	Name of the Building	Built up area in sq. mtrs.	Height of the Building
1	Ground Floor	1710.81	10.30 Mtrs.
2	1st Floor	1710.81	
Total Built up area in sq. mtrs.		3421.62	---

The site abuts on 12.00 mtrs. wide road on North Side. The open space around the building are as follows:

Direction	Building line to Plot Boundary in mtrs.
East	9.00
West	9.00
North	12.00
South	9.00

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 failing 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.

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 life safety measures in any such place or

Digitally signed by RUPESH
Date: 2023.08.30 10:03:59 +05:30
Reason: reason
Location: location

Scanned with OKEN Scanner

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.

ii) 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.mahafireservise.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.

Scanned with OKEN Scanner

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	Terrace Level Tank	Required 10,000 Ltrs.		On Each Terrace
4	Fire Pump	1 Nos. – 450 LPM Electric Driven (Booster Pump on Terrace)		Fire Fighting pumps shall be well maintained. Booster pump should be provided on each terrace.
5	Fire Brigade Connection – For static water tank and for hydrant system	Required at the Main Gate		
6	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.
7	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.
8	Emergency lights	Required		Required at prominent places
9	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

Scanned with OKEN Scanner

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 E – 4 of NBC Part 4

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 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.

Scanned with OKEN Scanner

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.

SIGNAGESS:

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 performance 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, The Secretary, Shantai Education Society, Gat No.508/2B 2A2, 508/2B 2B2, Pimpalner, Tal. Sakri Dist. Dhule has paid fire protection fund fees amounting to Rs.3,01,103/- (Three Lack One Thousand One Hundred Three Rupees Only) vide UTR No. / Reference No. : UBINH23236533927 Dated : 24/08/2023

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

SANJAY DADAJI PAWAR
Digitally signed by SANJAY DADAJI PAWAR
Date: 2023.08.24 15:14:31 +05'30'

Chief Fire Officer
Malegaon Municipal Corporation

Copy submitted to:
1. The Director, MFS, Mumbai for information, please

========== Ends Here ==========

Scanned with OKEN Scanner