

GOVERNMENT OF WEST BENGAL

Office of the Deputy Director, West Zone
West Bengal Fire & Emergency Services
430, G.T. Road, Howrah

MEMO NO: WBFES/DY/DFS/63/16

DATED: 12/04/16

From:
The Dy. Director WZ
West Bengal Fire & Emergency Services
Howrah Division



To
The Principle
Sevayatan B.Ed Degree College
Jhargram, Paschim Medinipur

Sub: Fire Safety Recommendation against the two storied Building of
Sevayatan B.Ed Degree College, Mouza: LOHAMALYA, JL No: 383
Plot No: 85 RSKHNO-113, PS: Jhargram, Dist: Paschim Medinipur

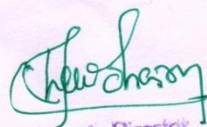
Reference: Application DATED: 22/03/16

I have Returning herewith a copy of the plan duly signed and approved by this Department you are requested to comply the following terms and conditions as per I.S. 6044 N.B.C Part – IV and West Bengal Fire Service (Fire Prevent & Fire Safety) Rules – 2003 along with West Bengal Fire Services (Fire License) Rules – 2004.

RECOMMENDATION

A. Construction:

1. The whole construction of the said building shall be carried out as per approved plan drawings conforming the relevant building rules of Local Municipal Body.
2. Provision of ventilation at the crown of the central core-duct of the building shall be provide.
3. Internal passage between the shop/ market should be at least 2 mtr.
4. Internal passage between the shop/ market should be constructed in such a way that will be at least 3 mtr.
5. Pump room shall be providing make in the plan.


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West Zone
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B. Open Space & Approach Road:

1. The open space always should be kept as per existing local municipality rules and Fire Safety Act
2. The open space all around the existing building shall conform the relevant building rules (N.B. Part -IV) as well as permit the accessibility and maneuverability of fire appliance with turning facility.
3. The width and the height of the access gates into the premises shall not be less than 4.5m and 5 m respecting abutting road.

C. Electrical Installation and Distribution:

1. The electrical installation , including transformer (if any), switch gear box, main and meters etc. and the distribution system in general building shall be made conforming the code of practice for fire safety as lead down in I.S 1946:1982
2. M.C.B shall be installed in each electrical circuit to avoid electrical fire hazardous.
3. The electrical installation shall be adequately protected by D.CP./CO2.Fire Extinguishers or medium velocity water spray projector system.

D. Alternative Power Supply:

Arrangement shall be made for supply of power with the help of a suitable generator to operate at least the fire pump, for deep tube well, fire alarm system and for illuminating corridor, staircase etc. and all vulnerable location of the existing building in case of normal power failure. The generator shall be protected by A.F.F.F Fire Extinguishers.

E. Detection & Alarm system:

Mutually operated electrical fire alarm system with sufficient numbers of break glass type call boxes incorporated with hooters shall be installed along with public address system connecting with audio-visual panel board to be made in the main entrance of the building in ground floor in accordance with relevant I.S 2189-1988

F. Fire Fighting Water:

Underground Reservoir having capacity 60,000 ltrs and Overhead Reservoir of at least 20, 000 ltrs shall be made in the premises with replenishing arrangement from deep tube-well @1000ltrs./min exclusively for firefighting purposes and the said reservoir shall be kept at all times.

G. Hose Reel Hose System- Hose Reel Hose System should be provided at each place of the building premises as per I.S -884:1985

H. Pumps For Fire Fighting Installations -I.S 12469-1988 Fire pump shall have to be arranged in such a manner so that it will start automatically due to fall in pressure as prefixed. In the installation and one another pump should be kept at standby in the building.

H. Hydrant System:

1. The existing hotel shall be provided with Down-comer of minimum 100 mm internal dia. Pipe line connected to terrace tank through terrace pump having landing valves at the staircase landing in each floor to be fitted with inlet connection at ground level with minimum discharge 450ltrs./min at terrace level with auto-switch.
2. Provision of Hose -reel connection in conjunction with down -comer to cover the entire floor area in each floor shall be installed in accordance with the relevant I.S specification.

I. First Aid Fire Fighting System:

First Aid Fire Fighting arrangement in the style of placing suitable type of portable fire extinguishers and sand buckets with dry sand to be installed at the strategic point inside the premises in accordance with I.S 2190-1992.

J. Air-Conditioning System:

1. Exhaust system of all the air-conditioning system should be kept in safe exhausted place in each individual floor.
2. Time to time electric line to be checked by the authorized system.
3. Arrangement shall have to be made for isolation at the strategic locations incorporating auto-damper in air-conditioning.
4. The system of auto -shut down of air handling unit (A.H.U) shall be incorporated with auto-detection and alarm system.
5. The A.H.U room shall not be used for storage of any combustible materials.

K. House Keeping :

Housekeeping to be maintained at both the premises i, e at the outside of the building and also at the entry with cautionary words and precautions.

L. General Recommendations:





1. Arrangements shall have to be made for regular checking, testing of all fire safety installation and to keep them perfectly good working condition in the event of fire and testing.
2. Good house –keeping shall always be maintained.
3. Directional sign of escape route shall clearly be indicated by arrow sign and displayed properly,
4. All the staffs to be trained up with to operate all fire safety equipments and fire extinguisher properly.
5. "NO SMOKING" Sign to be displayed in prominent place in Hindi, English and local languages.
6. Telephone numbers of all Emergency Services / Department to be kept in counter and displayed in conspicuous places.,
7. Fire license to be obtained from the Department of Fire & Emergency Services, Govern of West Bengal; after compliance of all above safety recommendations.
8. Fire Safety Certificate (Final N.O.C) to be obtained from Director, West Bengal Fire & Emergency Services Government of West Bengal after compliance of all above safety Recommendations.

Any violation of above safety recommendations, the Fire Safety recommendations (Provisional N.O.C) issued by this department will be treated as cancelled.

Enclosed: Approved Plan

Dy. Director (WZ)

Chakraborty
Dy. Director
West Bengal Fire & Emergency Services
Howrah