



**Government Of West Bengal
Office Of The Director General
West Bengal Fire & Emergency Services
13D, Mirza Ghalib Street, Kolkata - 16**

Memo no.:FSR/0125186241000012

Date: 27-02-2024

From:
Director
Fire Prevention Wing,
West Bengal Fire & Emergency Services

To: GOVERNMENT
BAMANPUKUR, SREE MAYAPUR, NADIA,

Sub: Fire Safety recommendation of a proposed G+VII storied under group Residential Building in the name & style of " SHUSHOMA REALITY PRIVATE LIMITED " at the premises No. – Plot No. – 1373, Mouza- Bamanpukur, J.L. No. – 009, Khatian No. – 9659 , P.S.- Nabadwip, Nadia- 741313.

This is in reference to your application no. 0125186241000012 dated 11-01-2024 regarding the Fire Safety recommendation of a proposed G+VII storied under group Residential Building in the name & style of " SHUSHOMA REALITY PRIVATE LIMITED " at the premises No. – Plot No. – 1373, Mouza- Bamanpukur, J.L. No. – 009, Khatian No. – 9659 , P.S.- Nabadwip, Nadia- 741313.

The plan submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In returning one set of plan with recommendation, this is issuing Fire Safety Recommendation in favor of the aforesaid building subject to the compliance of the following fire safety measure.

Recommendation:

CONSTRUCTION

1. The whole construction of the building shall be carried out as per approved plan Drawings conforming the relevant building rules of local Municipal Body.
2. The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specification.
3. Provision of ventilation at the crown of the central core-duct of the building shall be provided
4. Arrangements shall have to be made for sealing all the vertical ducts by the materials of

Adequate Fire resistance capacity.

OPEN SPACE & APPROCH

1. The open space surrounding the building shall conform the relevant building rules as well as Permit the accessibility & manœuverability of Fire appliance with turning facility.
2. The approach road shall be sufficiently strong to withstand the load of Fire Engine weighting

up to 45 M.T.

3. The width & height of access gates into the premises shall not be less than 4.5 M & 5 M respecting the abutting the road.

STAIRECASE

1. The staircase of the building shall be enclosed type. Entire construction shall be made of Bricks / R.C.C type having Fire resistance capacity not less than 4 hours.
2. The staircase of the building shall have permanent vents at the top & openable sashes at Each floor level in the external wall of the building.
3. The width of the staircase, Corridors & the exit doors shall Conforming the relevant building rules with up-to-date amendment.
4. Fire & Smoke door shall be provided at the entrance of at least one No. staircase. The F.C.D. shall be of at least one hour Fire resisting wire glass window fitted with self-closing type open able in the direction of escape.

LIFT :

1. The walls of the lift enclosures shall be at least two hours Fire resisting type. Collapsible gate shall not be permitted.

FIRE FIGHTING WATER

Underground water reservoir having water capacity at 42000 lts. & overhead reservoir of 10000 lts. capacity exclusively for Fire Fighting Purpose with replenishment arrangement @ 1000 Lts./min. of water supply shall be provide. The Fire Water Reservoir shall have overflow arrangement with the domestic water reservoir as well as to avoid stagnancy of water. The water reservoir shall be kept full at all time.

HYDRANT & HOSE REEL HOSE

1. The building shall be provided with down comer connected to terrace tank through the terrace pump at 900 L.P.M capacity & providing one 100 mm. Internal diameter pipe line with provision of landing valves & hose reel hose at the landing/half landing of the stair case at the rate of one such riser for 1000 Sq.m. of floor area. One such pump shall always be kept on stand by. The system shall be so designed that shall be kept charged with water all the time under pressure. The running pressure shall not be less than 3.5 Kgs/Cm². All other requirements shall conform I.S. 3844- 1989.
2. Yard/Ring Main Hydrant with provision of 1 No. hydrant with one number Fire service inlet shall be installed in front of the building in accordance with relevant I.S. specification.
3. Proper Replenishment arrangement shall have to be made to keep the O.H.W.R full at all time.

ELECTRICAL INSTALLATION

1. The electrical installation including Transformer, Switch Gears, Main & Meters etc. & the distribution system of the premises shall be made satisfying the code of practice for Fire Safety in general building as laid down in I.S. specification 1946- 1982.
2. The vertical & horizontal electrical ducts shall be sealed at each floor level by fire resisting

material.

3. Alternative Power Supply

Arrangements shall have to be made to supply power with the help of a generator to Operate at least the Fire Pump, Pump for Deep tube-well, Fire Alarm system, etc. & also For illuminating the stair case corridors etc. & other places of assembly of the building In case of normal power failure.

DETECTION, ALARM SYSTEM

1. Manually operated Electrical Fire Alarm system with at least one number of break glass type call box fitted with Hooters at each floor of the building shall be made.
2. Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point. Hooter will sounded on the same floor & immediate alternate floor.

FIRST AID FIRE FIGHTING SYSTEM

First Aid Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers, in all floors shall be made in accordance with I.S. 2190 -199

GENERAL RECOMMENDATIONS :

1. Fire Notice for Fire Fighting & evacuation from the building shall be prepared & be displayed at all vulnerable places of the building.
2. Floor numbers & directional sign of escape route shall be displayed prominently.
3. The occupants of the building shall be conversant with installed Fire Fighting equipments of the building & to operate in the event of Fire & Testing.
4. Arrangement shall be made for regular checking, testing & proper maintenance of all the Fire Safety installation & equipments installed in the building to keep them in perfectly good working conditions at all time.
5. Mock Fire practice & evacuation drill shall be performed periodically with participation of all occupants of the building.
6. Each year a certificate is to be obtained from the Director General, West Bengal Fire Emergency Services certifying about the satisfactory services, performance of all the Life & Fire Safety arrangements & installation of the building.

On compliance of all the above Fire & Life safety recommendations Director General, West Bengal Fire & Emergency services shall be approached for necessary inspection & testing of the Installation. Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the Tests & performances of safety aspects of installation of the building.

N.B. : Any deviation & changes the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, this fire safety recommendation will be treated as cancelled.

Signature Not Verified

Digitally Signed:
Name: ADHITI PANDE
Date: 27-Feb-2024 14:38:17
Reason: Approved
Location: West Bengal

DIRECTOR
West Bengal Fire & Emergency Services

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