



Government of West Bengal
Office of the Director General
West Bengal Fire & Emergency Services
13D, Mirza Ghalib Street, Kolkata – 16

Memo No.: FSR/211862506300013808

Date : 18-08-2025

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

To :
Raghupati Ghosh & Others
5/1 Fakir Chandra Pathak Lane, Bally, Howrah - 711201

Sub: Fire Safety Recommendation for proposed construction of 6nos. G+VII storied (Block 1 to 6) and 1no. G+I (Block 7) storied building under group of Residential Building at the premises no. 5/1, Fakir Chandra Pathak Lane, Ward no. 10, under L.R. Dag no. 36422, 36443, 36444, 36445, 36447, 36448, 36450, 36454, comprising L.R. Khatian nos. 70302, 70303, 70305, 70306, 70307, 70308, 73677, J.L. no. 14, Mouza & P.S. Bally, under Bally Municipality, Dist. Howrah, PIN 711201..

This is in reference to your AIN 211862506300013808 dated 01-May-2025 regarding Fire Safety Recommendation for proposed construction of 6nos. G+VII storied (Block 1 to 6) and 1no. G+I (Block 7) storied building under group of Residential Building at the premises no. 5/1, Fakir Chandra Pathak Lane, Ward no. 10, under L.R. Dag no. 36422, 36443, 36444, 36445, 36447, 36448, 36450, 36454, comprising L.R. Khatian nos. 70302, 70303, 70305, 70306, 70307, 70308, 73677, J.L. no. 14, Mouza & P.S. Bally, under Bally Municipality, Dist. Howrah, PIN 711201.

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 office is issuing Fire Safety Recommendation in favor of the aforesaid building for compliance of the following fire safety measure.

Recommendation :

A. CONSTRUCTION:

1. The whole construction of all the proposed buildings 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 of low flame spread materials conforming to I.S. specifications.
3. Provision of ventilation at the crown of the central core-duct of the building shall be provided.



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ements shall have to be made for sealing all the vertical & horizontal ducts by the materials of adequate Fire Capacity & the doors of service ducts / shafts of 2hr. Fire rating.

OPEN SPACE & APPROACH

The open spaces surrounding the building shall conform the relevant building rules as well as permit the accessibility of Fire Appliances with turning facility.

The approach road shall be sufficiently strong to withstand the load of Fire Engine weighting up to 45 M.T.

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

C. STAIRCASE:

1. The staircases of the building shall be enclosed type, entire construction shall be made of brick / R.C.C. type having Fire resisting capacity not less than 4 hours respectively marked in the plan.
2. The width of the staircases and corridor and travel distance of different categories of occupancies shall have to conform the relevant building rules.
3. Considering the staircases are only means of evacuation, emergency lighting arrangement directional, exit, sign etc. shall be made conforming the relevant I.S. Code in this regards.

D. LIFT:

1. The walls of the lift enclosure of the building shall be at least two hours FIRE resisting type and lift shaft shall be pressurized as pre-existing norms and provision of NBC Part IV, 2016.
2. All the lifts of the building shall be designed as high speed "FIRE LIFT" and shall be conspicuously indicated / marked.
3. The Electric power shall be from separate supply mains in the building and cables run with in the lift shafts, light and fans in the lift cars shall be operated from 24 volts, supply on emergency in case of failure of normal power supply lift shall automatically trip over alternate power supply.

E. FIRE FIGHTING WATER :

Under Ground Water Reservoir of 1,50,000 ltrs capacity and Over Head Water Reservoir of 10,000 ltrs capacity in each Block exclusively for firefighting purpose with replenishing arrangements @1000 ltrs/min. preferably from two different sources of water shall have to be provided. The water reservoirs shall have overflow arrangement with the domestic water reservoir as well as to prevent stagnancy of water. The water reservoirs shall be kept full at all time.

F. WATER LAYOUT SYSTEM:

1. All the Blocks shall be provided with Wet Riser for hydrant of 150 mm. internal diameter Pipe Line with provision of landing valves at the Staircase landings / half landings at the rate of one such riser for 1000 Sq. m. of floor area in each block. The system shall be so designed that shall be kept charged with Water all the time under pressure and capable to discharge 2850 ltrs/min. at the ground floor level outlet and minimum 900 ltrs/min. at the top most and farthest outlet. In both cases the running pressure shall not be less than 3.5 Kgs/Sq.cm. All other requirements shall be conforming I.S. 3844 - 1989.
2. Provision for Hose Reel units in conjunction with Wet Riser shall be made near each landing valves.
3. Yard Hydrant / Ring Main Hydrant with provision of adequate numbers of Pillar type Hydrant shall be installed in every 30.0mtr. surrounding the buildings in accordance with relevant I.S. specifications.
4. Provision of suitable Fire Service Inlet shall be made as per relevant I.S specification.

G. FIRE PUMP:

1. Provision of Main Fire Pump of 2850 LPM shall have to be made to supply water at the rate-designed pressure and discharge into the Water based system which shall be installed in the respective pump room.
 2. One such pump shall always be kept on stand-by of 2850LPM of diesel driven type.
 3. Provision of Jockey Pump of 180 LPM shall also have to be made to keep the Water based suppression systems under pressurized condition at all the time.
- All the pumps shall be incorporated with both manual and auto starting facilities. The suction of pumps shall preferably of positive type or in case of negative suction the system shall be wet riser-cum-down comer with suitable terrace pump with overhead tank.

H. Electrical Installation & Distribution:

1. The electrical installation including transformers, Switch Gears, Main & Meters etc. and 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. Electrical distribution system shall conform all the requirements as laid in I. S. 1646-1982.
3. The electrical installation shall be adequately protected with automatic CO2/D.C.P.



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