



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

Memo no.:FSR/0125186241200095

Date: 01-04-2024

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

**To: DTC PROJECTS PVT. LTD.**  
**DAG NO.- 808,811,812,814-817,825,839 IN MOUZA - CHAKRAZUMOLLA, BLOCK - BISHNUPUR-II, JL NO.- 18,**  
**UNDER GRAM PANCHAYET - RASHAPUNJO, DIST.- SOUTH 24 PARGANAS, PIN - 700104**

**Sub: Fire Safety Recommendation for proposed construction of 78 nos G+2 storied Row Housing complex and a three storied Residents' Activity block under group of occupancy Residential Building at DAG NO.- 808,811,812,814-817,825,839 IN MOUZA - CHAKRAZUMOLLA, BLOCK - BISHNUPUR-II, JL NO.- 18, UNDER GRAM PANCHAYET - RASHAPUNJO, DIST.- SOUTH 24 PARGANAS, Kolkata-700104.**

This is in reference to your application no. 0125186241200095 dated 20-02-2024 regarding the Fire Safety Recommendation for proposed construction of 78 nos G+2 storied Row Housing complex and a three storied Residents' Activity block under group of occupancy Residential Building at DAG NO.- 808,811,812,814-817,825,839 IN MOUZA - CHAKRAZUMOLLA, BLOCK - BISHNUPUR-II, JL NO.- 18, UNDER GRAM PANCHAYET - RASHAPUNJO, DIST.- SOUTH 24 PARGANAS, Kolkata-700104.

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:**

One no. additional stair case of 1.5 M flight width for Activity building shall be provided.

**RECOMMENDATION**

**CONSTRUCTION :**

1.The whole construction of the building shall be carried out as per approved plan of local authority/ Municipal authority.

2.The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.

#### OPEN SPACE & APPROACH :

1.The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of Fire appliance with turning facility.

2.The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting up to 20 M.T.

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

#### STAIRCASE :

1.The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules.

2. The staircase shall be extended up to terrace of the building .

LIFT: Lifts doors shall be enclosed type, collapsible gates shall not be allowed.

#### FIRE FIGHTING WATER :

Underground water reservoir having water capacity at 50,000 ltrs. Capacity exclusively for Firefighting purpose with replenishing arrangements @ 1000 lts./min. Preferably from two different sources of water supply shall be provided. The 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 SYSTEM :

1.The building complex shall be provided with Yard Hydrant network at 100mm. internal diameter Pipe Line with provision of one hydrant outlet for each 1000 sqm area near each block. The system shall be so designed that shall be kept charged with Water all the time under pressure and capable to discharge 1620 lts/min. All other requirements shall conforming I.S. 3844 – 1989. Provision of the Fire Pump shall have to be made at the terrace level to supply water at the rate-designed pressure and discharge into the water based system, which shall be installed in the building.

2.Provision for Hose Reel adjacent to the ground hydrant outlet shall be made at each floor level. Conforming the relevant I. S. Specifications.

3.Fire Service inlet near the entrance of the building shall have to be provided.

#### ELECTRICAL INSTALLATION & DISTRIBUTION :

1The 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.

2The electrical installation shall be adequately protected with CO2/D.C.P fire extinguisher.

3Alternative 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, Fire Lift etc. and also for illuminating the Staircase, corridors etc. and other places of assembly of the building incase of normal power failure.

ALARM SYSTEM :

1.Manually operated Electrical Fire Alarm system in adequate number of break glass type call boxes may fitted with Hooters shall be provided in each floor ,Hooter will be sounded in such a manner so that an operation of a Manual Call Point.

FIRST AID FIRE FIGHTING SYSTEM :

First Aid Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers, Fire Buckets etc. in all floors and vulnerable locations of the premises shall be made in accordance with I.S. 2190 – 1992.

GENERAL RECOMMENDATIONS :

1Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.

2The residents and security staff shall be conversant with installed Fire Fighting equipments of the building and to operate in the event of Fire and Testing.

3Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipments installed in the building to keep them in perfectly good working conditions at all times.

4Mock Fire practice and evacuation drill shall be performed periodically with participation of all occupants of building.

This shall be treated as Fire safety recommendation. On compliance of all the above Fire and Life safety recommendations, the Director General, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Fire safety certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.

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

DIRECTOR  
West Bengal Fire & Emergency Services

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