



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

Memo No.: FSR/3/0225186238701096

Date : 11-06-2024

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

To :  
FEROJ BEG ALIAS FEROZ BEG  
18A, TEMPLE STREET, WARD NO.-47, BOROUGH-VI, P.S.-BOWBAZAR, KOLKATA - 700072

Sub : Revised Fire Safety Recommendation for proposed construction of a B+G+4 storied under group Residential Building at 18A, Temple Street, Ward No. 47, P.S. Bowbazar, Kolkata-700072..

**Memo No.: FSR/3/0225186238701096**

This is in reference to your AIN 211882406300000127 dated 30-Apr-2024 regarding the Revised Fire Safety Recommendation for proposed construction of a B+G+4 storied under group Residential Building at 18A, Temple Street, Ward No. 47, P.S. Bowbazar, Kolkata-700072..

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 Revised Fire Safety Recommendation in favor of the aforesaid building subject to the compliance of the

**Recommendation :**

RECOMMENDATION  
Construction :

The whole construction of the building shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipal Body/ authority.  
The interior finish decoration of the building shall be made low flame spread materials conforming I.S.



specifications.

Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire resisting capacity.

Lift: Lift doors are to be fire resisting enclosed type, collapsible gates will not be considered.

#### Fire Fighting Water :

Overhead water reservoir having water capacity at 30,000 ltrs. Capacity for Firefighting purpose with replenishing arrangements @ 500 ltrs./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 :

The building shall be provided with Down comer at 100mm. internal diameter Pipe Line with provision of landing valves at the Staircase landings / half landings at the rate of one such down comer for 1000 Sq.m. of floor area. The system shall be so designed that shall be kept charged with Water all the time under pressure and capable to discharge 450 lts/min. at. The running pressure shall not be less than 3.5Kgs/Sq.cm. 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. One such pump of same capacity shall always be kept on stand-by.

Provision for Hose Reel in conjunction with Down comer shall be made at each floor level. Conforming the relevant I. S. Specifications.

Sprinklers shall be installed in Basement and Office area on the 1st floor. Fire Service inlet near the entrance of the building shall have to be provided. All other requirements of the water based fire protection shall be made as per I.S. Specification 3844-1989 (with up to date amendment).

#### 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 The vertical & horizontal ducts shall be sealed at each floor level by fire resisting system.
- 3 The electrical installation shall be adequately protected with CO2/D.C.P fire extinguisher.

#### Detection & Alarm System :

1. Manually operated Electrical Fire Alarm system with at least one numbers of break glass type call boxes fitted with Hooters shall be provided in each floor, Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point Hooters will sounded on the same floor and immediate alternate floor. Smoke detectors shall be installed in shops on ground floor and office area on the 1st floor.



**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 :**

- 1 Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.
- 2 Floor numbers and directional sign of escape route shall be displayed prominently.
- 3 The employees and security staff shall be conversant with installed Fire Fighting equipments of the building and to operate in the event of Fire and Testing.
- 4 Arrangement 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.
- 5 Mock 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.

**Memo No.:** FSR/3/0225186238701096

**Signature valid**

Digitally Signed.  
Name: ABHINN PANDEY  
Date: 11-Jun-2021 12:49:11  
Reason: D-Sign  
Location: E-Dst 2.0

**Director**

**West Bengal Fire and Emergency Services**

