



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

Memo no.:FSR/0125186228700105

Date: 02-05-2022

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

To: ASIS SARKAR ( C.A OF M/S. REVIEW DEALCOMM PVT LTD , MR. SAITYENDRA KUMAR CHOPRA, MRS. VIKKI CHOPRA, MR. KUNDAN CHOPRA, MR. BIRESWAR BISWAS & OTHERS 2)  
56A, LAKE VIEW ROAD

Sub: Fire Safety Recommendation for one proposed G+VI storied residential building under Rule 142 of KMC Building Rule 2009 with up to date amendment at the premises no. 56 A, Lake View Road, Kolkata – 700029, Ward – 86, Borough – VIII under KMC, P.S.- Rabindra Sarobar

This is in reference to your application no. 0125186228700105 dated 03-02-2022 regarding the Fire Safety Recommendation for one proposed G+VI storied residential building under Rule 142 of KMC Building Rule 2009 with up to date amendment at the premises no. 56 A, Lake View Road, Kolkata – 700029, Ward – 86, Borough – VIII under KMC, P.S.- Rabindra Sarobar

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 existing building shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipality Body.
- 2.The floor area in basement exceeds 750 m2 shall be suitably compartmented by separation walls up to ceiling level having two hours fire resisting capacity. The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.
- 3.Provision of ventilation at the crown of the central core-duct of the building shall have to be provided.
- 4.Arrangement shall have to be made for sealing all the vertical and horizontal ducts by the materials of adequate fire resisting capacity.

**OPEN SPACE AND APPROACH:**

1. Open spaces surrounding the building shall conform the relevant building rules as well as permit the accessibility and

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maneuverability of Fire Appliances with turning facility.

2. The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting 45M.T.
3. The width and height of the access gate into the premises shall not be less than 4.5 mts. and 5.0 mts. respecting the abutting road.
4. Drive way should be free from any type of obstruction. No parking will be allowed on the drive way.
5. All Passage way should be kept clear for free access.

#### STAIRCASE:

1. The staircases of the building shall be enclosed type. Entire construction shall be made of bricks/R.C.C. type having Fire Resisting capacity not less than 4 hours.
2. The staircases of the building shall have permanent vents at the top and openable sashes at each floor level in the external walls of the building to keep the stairwell naturally ventilated.
3. The width of the staircase shall be made as marked in the plan. Corridors and the exit doors shall conform the relevant Building Rules to up to date amendment.
4. All the staircases shall be extended up to terrace of the building and shall be negotiated to each floor.
5. Fire Check Door of at least 2 Hrs. fire resisting capacity shall have to be installed as marked in the plan drawing.
6. Panic bar shall be provided in fire exits.

#### LIFT:

1. The walls of the lift enclosure shall be at least two hours Fire Resisting type.
2. Collapsible gate shall not be permitted.

#### FIRE FIGHTING WATER:

Underground water reservoir having water capacity 25000 ltrs. and overhead water reservoir having capacity 25,000 ltrs. exclusively for firefighting purpose with replenishing arrangements @ 1000 ltrs/min. preferably from two different sources of water supply shall be provided. The water reservoirs 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 shall be provided with down comer system having 100 mm internal diameter pipe line along with Hose Reel Hose at each floor stair landing or half landing with provision of landing valves at the staircase landing/half landing at the rate of one such Riser for 1000 sqm. of floor area. The system shall be so designed that shall be kept charged with water all the time under pressure and the running pressure shall not be less than 3.5 Kgs/Cm<sup>2</sup> at the remotest/ highest point. All other requirements shall conform relevant I.S. specification.
2. Yard Hydrant/Ring Main Hydrant with provision of adequate numbers hydrant outlets with at least one number of Fire Service Inlet shall be installed surrounding the building in accordance with relevant I.S. specifications.
3. Proper replenishing arrangements shall have to be made to keep the water reservoir full at all the time.

#### Fire Pump :

Required number of sets of pump shall be provided each consisting of one electric and one standby (preferably diesel driven) pump of capacity not less than 900 LPM each Pumps shall have both auto and manual starting facilities.



GENERAL RECOMMENDATIONS:

- 1.Fire License shall have to be obtained for the propose of storing and processing with L.P.G. and other highly combustible articles.
- 2.Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.
- 3.Floor numbers and directional sign of escape route shall be displayed prominently.
- 4.The employees and security staffs shall be conversant with installed Fire Fighting Equipment of the building and to operate in the event of Fire and Testing.
- 5.Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipment installed in the building to keep them in perfectly good working conditions at all times.
- 6.A crew of trained Fireman under the experienced Fire Officer shall be maintained round the clock for safety of the building.
- 7.Mock Fire practice and Evacuation Drill shall be performed periodically with participation of all occupants of the building.
- 8.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 and Fire Safety arrangements installation of the building.

On compliance of all the above Life and Fire Safety Recommendation, the Director General, West Bengal Fire & Emergency Services shall be approved for necessary inspection and testing of all 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, this Fire Safety Recommendation will be treated as cancelled.

Signature Not Verified  
Digitally signed by ABHIJIT  
PANDEY  
Date: 2022.05.02 11:53:18 IST

Director  
West Bengal Fire & Emergency Services