

**GOVERNMENT OF WEST BENGAL
OFFICE OF THE DIRECTOR GENERAL
WEST BENGAL FIRE & EMERGENCY SERVICES
13-D Mirza Ghalib Street, Kolkata- 700 016**

Memo No : IND/WB/FES/20192020/78642 .

DATE: 10/03/2020

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

To :
Smt.Laxmi Rani Chowdhury,Sri.Bijay Chowdhury & Others.
R.S Plot No- 72 , L.R Plot No-263,264,265 , Khatian No- 35,2673,2674,2675,2676
J.L No.- 109 , Mouza- Shankarpur, F.S- Durgapur , P.S- N.T.P.S ,
Paschim Burdwan-713212.

**Sub :Fire Safety Recommendation for a proposed construction of B+G+9,
storied building under group Residential at the premises no.- R.S Plot No- 72 ,
L.R Plot No- 263, 264 , 265 , Khatian No- 35, 2673,2674,2675,2676 , J.L No.- 109,
Mouza- Shankarpur, F.S- Durgapur , P.S- N.T.P.S ,
Paschim Burdwan-713212**

This is in reference to your Application No. IND/WB/FES/20192020/78642,dated-
10/09/2019, regarding the Fire Safety Measure for a proposed construction of
B+G+9 storied building under group Residential at the premises no.- Plot No- R.S
Plot No- 72 , L.R Plot No-263,264,265 , Khatian No- 35, 2673, 2674, 2675, 2676, J.L
No.- 109 , Mouza- Shankarpur, Pin- 713212 , F.S-Durgapur , P.S-N.T.P.S ,
Paschim Burdwan-713212.

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 favour of the afore said building subject to
the compliance of the following fire safety measure.

Recommendation:

1.CONSTRUCTION:

- 1.The whole construction of the proposed 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 of low flame spread materials conforming to I.S. specifications.
- 3.Roof is used as a refugee area in case of an emergency and it should be clear open to sky for all time. No permanent or temporary structure will be allowed on the roof.
- 4.Arrangements shall have to be made for sealing all the vertical & horizontal ducts by the materials of adequate Fire resisting capacity.

OPEN SPACE & APPROACH:

- 1.The approach road shall be sufficiently strong to withstand the load of Fire Engine weighting up to 45 M.T.
- 2.The width and height of the access gates into the premises shall not be less than 4.5 and 5M respecting abutting the road.

STAIRCASE:

- 1.The staircase of the building shall be enclosed type. Entire construction shall be made of bricks / RCC type having Fire Resisting Capacity not less than 4 hours.
- 2.The staircase of the building shall have permanent vents at the top and open able sashes at each floor level in the external wall of the building.
- 3.The width of the Staircase shall be made as shown in the plan. Corridors and the exit doors shall conform the relevant building rules with up to date amendments.
- 4.All the staircases shall be extended up to terrace of the building and shall be negotiable to each floor without entering any occupied area.
- 5.Fire & Smoke doors at the entrance of one staircase enclosures at first floor level shall be provided. The F.C.D. shall be of the least one hour Fire resisting Wire Glass Window fitted with self closing type open able in the direction of escape.

FIRE FIGHTING WATER:

Underground water having capacity of 86200 ltrs. and Overhead water reservoir of 25000 ltrs. In the building capacity exclusively for Fire Fighting purpose with replenishing arrangements @ 1000 lts/min. preferably from two different sources of water shall 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.

PUBLIC ADDRESS SYSTEM:

Public address system linked between all floors and Control Room shall have to be established.

AIR CONDITIONING SYSTEM (If any):

- 1.The A.H.U shall be separated for each floor with system Air Ducts for individual floors.
- 2.Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in the Air Conditioning system.

REFUGE FLOOR:

- 1.The Refuge floor area is not less than 1.5sqm. area shall be provided on the external wall as cantilever projection or any other suitable means at above 24.874m., stair landing and additionally shown/marked in the plan.
- 2.The Refuge area shall be of Fire resisting construction and shall be protected with self-closing F.C.D at the entrance from the corridors at staircase lobbies.
- 3.The position of refuge area shall be such so that they are negotiable by the Fire Service Ladder from the Ground .

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. 2190-92.

GENERAL RECOMMENDATIONS:

- 1.Fire license shall have to be obtained for proposed storing and processing with LPG and other combustible articles (if any).
- 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 the security staff shall be conversant with installed Fire Fighting equipment's 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's installed in the building to keep them in perfectly good working conditions at all times.

6. A crew of trained Firemen under an experience officer shall be maintained round the clock for fire safety of the building.

7. To eliminate risk of Fire Hazards, Good House Keeping both for insides and outside of the building shall be strictly maintained.

8. Mock Fire practice and evacuation drill shall be performed periodically with participation of all occupants of the building. ON compliance of all the above Fire and Life Safety Recommendation, the Director General, West Bengal Fire and 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 installations of the building.

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

Director
West Bengal Fire & Emergency Services

Signature valid
Digitally signed by ABHIJIT
PANDEY
Date: .02.11 11:32:46 IST