

**GOVERNMENT OF WEST BENGAL
OFFICE OF THE DIVISIONAL FIRE OFFICER
WEST BENGAL FIRE & EMERGENCY SERVICES**

Memo No : IND/WB/FES/20192020/85638

DATE: 29/02/2020

From :

**The Divisional Fire Officer
Fire Prevention Wing,
West Bengal Fire & Emergency Services.**

To :

Sri Sadhin Mondal and others.

R.S Plot no. 1471, L.R Plot No.- 1545, L.R Khatian No.- 385, 59, 483, 5413, 5414, 5415, 2717, Mouza - Arrah, J.L No. - 091, P.S - Kanksa, Dist. Paschim Bardhaman, Pin - 713212.

**Durgapur F.S., Durgapur PS,
Paschim Bardhaman - 713213 .**

Sub :Fire Safety recommendation for the Proposed construction of G+VI storied building under group Residential (Principal) occupancy, in favour of Sri Sadhin Mondal and others developed by Dutta & Co. over R.S Plot no. 1471, L.R Plot No.- 1545, L.R Khatian No.- 385, 59, 483, 5413, 5414, 5415, 2717, Mouza - Arrah, J.L No. - 091, P.S - Kanksa, Dist. Paschim Bardhaman, Pin - 713212.

This is in reference to your Application No. IND/WB/FES/20192020/85638, dated 29/02/2020, regarding the Fire Safety Measure for the Proposed construction of G+VI storied building under group Residential (Principal) occupancy, in favour of Sri Sadhin Mondal and others developed by Dutta & Co. over R.S Plot no. 1471, L.R Plot No.- 1545, L.R Khatian No.- 385, 59, 483, 5413, 5414, 5415, 2717, Mouza - Arrah, J.L No. - 091, P.S - Kanksa, Dist. Paschim Bardhaman, Pin - 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 aforesaid 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 floor area exceeds 750m² shall be suitably compartmented by separation walls up to ceiling level having at least two hours Fire resisting capacity.

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

4.Provision of ventilation at the crown of the central core-duct of the building shall be provided.

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

Open Space & Approach:

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

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

8.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:

9.Provision for another stair case, accessible from each floor and each building and as remote from each other as practicable shall be made and they shall be so arranged that they are accessible in at least two different directions from every point in any open area, or from any door.

10.The staircase 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.

11.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.

12.The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules and well as rules of the cinematograph Act. With up-to-date amendments.

13.All the staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room.

14.Fire and smoke doors at the entrances of all the Staircase enclosures as marked in the plan at each floor level shall be provided. The F.C.D. shall be of at least one hour Fire resisting wire glass window fitted with self-closing type open able in the direction of escape.

Fire Fighting Water:

15.Underground water reservoir having water capacity at 30,000 ltrs. and overhead reservoir of 10,000 ltrs. capacity exclusively for Fire fighting 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

Air Conditioning System (If any):

26.The A.H.U. shall be separated for each floor with the system Air Ducts for individual floors.

27.Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in the Air Conditioning system.

28.The system of auto shut down of A.H.U. shall be incorporated with the auto detection and alarm system.

29.The air handling units room shall not be used for storage of any combustible materials.

First Aid Fire Fighting System:

30.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:

31.Fire License shall have to be obtained for proposed storing and processing with L.P.G. and other highly combustible articles.

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

33.Floor numbers and directional sign of escape route shall be displayed prominently.

34.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.

35.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.

36.A crew of trained Fireman under the experienced Officer shall be maintained round the clock for safety of the building.

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

38.This shall be tested as provisional N.O.C. 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, Final N.O.C. in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.

39.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 provisional N.O.C. will be treated as cancelled.

Signature valid

Digitally signed by NITAI
CHATTOPADHYAY
Date: 2020.02.29 11:14:59 IST

**Divisional Fire Officer
West Bengal Fire & Emergency Services**