

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

Memo No : IND/WB/FES/2019/2020/12235

DATE: 10/09/2019

From :

The Divisional Fire Officer

Fire Prevention Wing,

West Bengal Fire & Emergency Services.

To :

**MINA CHAKRABORTY AND OTHERS DEVELOPED BY MANALI CONSTRUCTION**

**G 5 SIX STORIED RESIDENTIAL BUILDING OF MRS. MINA CHAKRABORTY WO**

**MR DEBA PRASAD CHAKRABORTY LR PLOT NO 361 KHATIAN NO 2750,2751,2752**

**JL NO 74 MOUZA FARIDPUR PO PS DURGAPUR**

**Durgapur F.S., Durgapur PS, Paschim Bardhaman - 713206 .**

Sub :Fire Safety Recommendation for a proposed construction of **G + 5 SIX**  
storied building under group Residential at the premises no.- **G 5 SIX STORIED**

**G 5 SIX STORIED RESIDENTIAL BUILDING OF MRS. MINA CHAKRABORTY WO**

**MR DEBA PRASAD CHAKRABORTY LR PLOT NO 361 KHATIAN NO 2750,2751,2752**

**JL NO 74 MOUZA FARIDPUR PO PS DURGAPUR**

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

This is in reference to your Application No. IND/WB/FES. 2019/2020/12235 dated 10/09/2019 regarding the Fire Safety Measure for a proposed construction of **G - 5 SIX** storied building under group Residential at the premises no. - **G 5 SIX STORIED RESIDENTIAL BUILDING OF MRS MINA CHAKRABORTY WO DEBA PRASAD CHAKRABORTY MRS MINA CHAKRABORTY AND OTHERS DEVELOPED BY MANALI CONSTRUCTION CONSTRUCTION LR PLOT NO 361 KHATIAN NO 2750,2751,2752 JL NO 74 MOUZA FARIDPUR HOLDING NO 207 PO PS DURGAPUR, Durgapur PS, Paschim Bardhaman - 713213.**

The plan submitted by you was scrutinized and marked as found necessary from Fire Safety





15. Fire Alarm System:

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15. The building shall be provided with down comer of 100mm internal diameter pipe line with provision of landing valves at the /staircase landing/half landings at the rate of one such riser 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 1850 lts/min at the ground floor level outlet and minimum 900 Lts/min at the top most outlet. In both cases the running pressure shall not be less than 3.5 Kgs/Cm<sup>2</sup>. All other requirements shall conform I.S. 3844-1989.

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

17. One main Fire pump and one standby pump, preferably diesel driven of capacity minimum 1850 LPM and head of the pump will be such that 3.5 Kgs/cm<sup>2</sup> pressure is available at the furthest/highest landing valve to be installed. Auto start facility should be incorporated in fire pump. Accordingly, Jokey pump of capacity 180LMP shall also be installed, conforming to the norms of National Building Code part-IV fire and life safety.

Electrical installation & Distribution :

18. 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 Firesafety in general building as laid down in I.S specification 1946-1982.

19. The vertical ducts shall be supply sealed at alternative floor level.

20. The major electrical installation shall be adequately protected with CO<sub>2</sub>/D.C.P or Medium Velocity/ Projector System.

Alternative Power System:

21. Arrangement 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 the building in case of normal power failure.

Detection and Alarm System:

22. Manually operated Electrical Fire Alarm system with at least three numbers of break glass type call boxes fitted with Hooters along with public address system, talk back system at each floor connecting with audio-visual panel board shall be made in Control Room. The Control room shall be located at the entrance of Ground Floor of the building, other requirements of the system shall be made conforming I.S. 2089-1988.

23. Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point Hooters will be sounded on the same floor and immediate alternate floor.

Public Address System:

24. Fire Alarm and Fire Fighting System shall be installed in accordance with the provisions of the Fire Safety Code of India, 2001 and the Fire Safety Code of India, 2001 established.

Air Conditioning System(if any):

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

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

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

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

First Aid Fire & Fighting System:

29. 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:

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

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

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

33. The employees and security staff shall be conversant with installed Fire Fighting equipment of the building and to operate in the event of Fire and Testing.

34. 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.

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

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

37. 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 and installation of the 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 favor 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.



- drawings shall not be permitted without prior permission from this office.
10. After completion of entire construction of the proposed/existing building and Fire safety installations, a letter of information must be communicated to the office for further inspection to issue the Final N.O. C.
11. Violation any of the above recommendations the provisional N.O.C. shall be treated as cancelled as legal action may be taken as per existing F.S. Act & Rules 1950 (Amended up to date).
12. This Fire Safety Recommendation / Fire Safety Certificate in connection with Provisional N.O.C. valid for one Year from the Date of Issue and Prior information is required for further extension the period.

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

Validity unknown  
Digitally signed by KUSHAR  
KANTI SEN  
Date: 2019.09.10 12:10:40 IST