



Government Of West Bengal
Office Of The Divisional Fire Officer,Paschim Medinipur
West Bengal Fire & Emergency Services
Sepoy Bazar, P.O.:- Medinipur, P.S.:- Kotwali, Pin:- 721101

Memo no.:FSR/0125186231500151

Date: 19-06-2023

From:

Divisional Fire Officer,Paschim Medinipur
West Bengal Fire & Emergency Services

To: RESIDENTIAL BUILDING OF 1) NAZIBAR RAHAMAN 2) TALBIZUR ALTA Fur RAHAMAN 3) HAFIZUR RAHAMAN 4) NASHIBUR RAHAMAN 5) SAHEEDUR RAHAMAN 6) ASIFUR RAHAMAN 7) SK. SABA IN FAVOUR OF GLOBE CONSTRUCTION MOUZA - MIRZABAZAR JL NO - 179, HOLDING NO - 1640, WARD NO - 22, MIDNAPUR MUNICIPALITY, MIDNAPUR, 721101

Sub: Fire Safety Recommendation for proposed construction B+G+V storied Building under group of Residential Building as per NBC Part IV, in the name of 1) Nazibar Rahaman 2) Talbizur Altafur Rahaman 3) Hafizur Rahaman 4) Nashibur Rahaman 5) Saheedur Rahaman 6) Asifur Rahaman 7) Sk. Saba, IN FAVOUR OF GLOBE CONSTRUCTION at Mouza – Mirzabazar, J.L. No - 179, R.S. Plot No. – 720(P), 721(P), 722(F), 727(F), 728(F), 729(F), 730(F), 731(P), L.R. Plot No. – 2132(P), 2133(F), 2328(F), Holding No - 1640, Ward No - 22, Dist – Paschim Medinipur, PIN - 721101, for fire safety measures.

This is in reference to your application no. 0125186231500151 dated 26-05-2023 regarding the Fire Safety Recommendation for proposed construction B+G+V storied Building under group of Residential Building as per NBC Part IV, in the name of 1) Nazibar Rahaman 2) Talbizur Altafur Rahaman 3) Hafizur Rahaman 4) Nashibur Rahaman 5) Saheedur Rahaman 6) Asifur Rahaman 7) Sk. Saba, IN FAVOUR OF GLOBE CONSTRUCTION at Mouza – Mirzabazar, J.L. No - 179, R.S. Plot No. – 720(P), 721(P), 722(F), 727(F), 728(F), 729(F), 730(F), 731(P), L.R. Plot No. – 2132(P), 2133(F), 2328(F), Holding No - 1640, Ward No - 22, Dist – Paschim Medinipur, PIN - 721101, for fire safety measures.

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:

A) CONSTRUCTION:

1. The whole construction of the existing building shall be carried out as per approved plan drawings conforming the relevant building rules of Panchayat/Municipal Corporation.
2. The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.
3. Arrangement shall have to be made for sealing all the vertical and horizontal ducts by the materials of adequate fire resisting capacity.

B)OPEN SPACE AND APPROACH:

- 1.The open spaces surrounding the building shall conform the relevant building rules as well as permit the accessibility and 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 the Passage way should be kept clear for free access.

C)STAIRCASE:

- 1.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.
- 2.The staircase of the building shall have permanent vents at the top and openable sashes at each floor level in the external walls of the building.
- 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 staircase shall be extended up to terrace of the building and shall be negotiated to each floor.

D)LIFT:

- 1.The walls of the lift enclosure shall be at least two hours Fire Resisting type.
- 2.Collapsible gate shall not be permitted.
- 3.One of the lift shall be designed for Fire Lift. The word "FIRE LIFT" shall conspicuously written at ground floor.

E)FIRE FIGHTING WATER:

Underground water reservoir having water capacity 20000 ltrs. And Overhead water reservoir having capacity of 25000 ltrs. exclusively for fire-fighting 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.

F)HYDRANT SYSTEM:

- 1.The building shall be provided with Down Comer along with Hose Reel Hose in half landing/full landing connected to terrace tank through the terrace pump capacity of 900 LPM and provided one 100 mm. internal diameter pipe line with provision of landing valves at the staircase landing/half landing at the rate of one such Riser. The system shall be so designed that shall be kept charged with water all the time under pressure and one standby pump at same capacity shall also be installed. The entire pump shall be incorporated with both manual and auto starting facilities and in both cases the running pressure shall not be less than 3.5 Kgs/Cm². All other requirements shall conform I.S. 3844-1989.
- 2.Yard Hydrant with provision of one number hydrant with one number of Fire Service Inlet shall be installed in the building in accordance with relevant I.S. specifications.
- 3.Proper replenishing arrangements shall have to be made to keep the overhead water reservoir full at all time.

G)BASEMENT:

- 1.The basement shall be adequately ventilated.
- 2.Additional staircase from the open air as shown in the drawing shall be constructed beside the ramps conforming relevant I.S. specification.
- 3.The basement shall be protected with auto sprinklers system/hose reel system etc.
- 4.Mechanical extractors for smoke venting system from lower/upper basement levels shall also be provided. The system

shall be of such design as to operate on actuation of heat/smoke sensitive detector or sprinkler. It shall also have an arrangement to start it manually.

H) ELECTRICAL INSTALLATION AND DISTRIBUTION:

1. The electrical installation including Transformers, Switch Gear, 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 and horizontal electrical ducts shall be sealed at each floor level by fire resisting materials.
3. The electrical installation shall be adequately protected with CO2/D.C.P. extinguishers.
4. Arrangement for alternative power supply shall have to be made to supply power with the help of a generator to operator at least the Fire Pump, Deep Tube-Well Pump, Fire Alarm System etc. and also for illuminating the Staircase, Corridors, Lobbies etc. and other places of assembly of the building in case of normal power failure.

I) FIRE ALARM SYSTEM:

1. 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 at each floor connecting with visual panel board shall be made in Control Room. The Control Room shall be located at entrance of ground floor of the building, other requirements of the system shall be made conforming I.S. 2189-1988.
2. Hooters will be sounded in such a manner so that an operation of a Manual Call Point. Hooters will be sounded on the same floor and immediate alternate floor.
3. Public Address System linked between all floors and Control Room shall have to be established.

J) AIR CONDITIONING SYSTEM (If any):

1. The A.H.U. shall be separated for each floor with the 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.
3. The system of auto shut down of A.H.U. shall be incorporated with the Auto Detection and Alarm System.
4. The Air Handling Units room shall not be used for storage of any combustible materials.

K) FIRST AID FIRE FIGHTING SYSTEM:

1. First Aid Fire Fighting arrangement in the style 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.

L) GENERAL RECOMMENDATIONS:

1. Fire License shall have to be obtained for proposed storing and processing with L.P.G. for commercial purpose 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. Collapsible gate is not allowed in any gate of the Ent.Exit building.
4. Floor numbers and directional sign of escape route shall be displayed prominently.
5. The employees and security staffs shall be conversant with installed Fire Fighting Equipment's of the building and to operate in the event of Fire and Testing.
6. 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.
7. A crew of trained Fireman under the experienced Fire Officer shall be maintained round the clock for safety of the building.
8. Mock Fire practice and Evacuation Drill shall be performed periodically with participation of all occupants of the building.

9.This shall be treated as provisional N.O.C. On compliance of all the above Fire and Life safety recommendations, the Divisional Fire Officer, Paschim Medinipur Division, 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.

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.
Name: Bam Kumar Choudhury
Date: 19-Jun-2023 10:50
Reason: Approved
Location: West Bengal

Divisional Fire Officer,Paschim Medinipur
West Bengal Fire & Emergency Services

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