



सत्यमेव जयते

Government Of West Bengal
Office Of The Divisional Fire Officer, North 24 Parganas
West Bengal Fire & Emergency Services
Ghoshpara Road, P.O.:- Bengal Enamel, Pin :- 743122

Memo no.:FSR/0125186231100866

Date: 28-08-2023

From:
Divisional Fire Officer, North 24 Parganas
West Bengal Fire & Emergency Services

To: SRI ANIL DUTTA ALIAS SUNIL DUTTA, SRI SUDHAN KUMAR DUTTA, SRI SUSHIL KUMAR DUTTA
32 STATION ROAD PS NIMTA NORTH 24 PGS UNDER NORTH DUMDUM MUNICIPALITY KOLKATA 700065

Sub: Fire Safety Recommendation for occupancy of a proposed G+III storied under group Residential Building at premises No. 32, Station Road, PS Nimta, under North DumDum Municipality, North 24PGS., Kol - 700 065.

This is in reference to your application no. 0125186231100866 dated 11-08-2023 regarding the Fire Safety Recommendation for occupancy of a proposed G+III storied under group Residential Building at premises No. 32, Station Road, PS Nimta, under North DumDum Municipality, North 24PGS., Kol - 700 065.

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. In case of any addition and alternation of the construction of said existing 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 low flame spread materials conforming I.S. specifications.

B.OPEN SPACE & APPROACH :

1. The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of Fire appliance with turning facility.
2. The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting up to 45 M.T.
3. The width and height of the access gates into the premises shall not be less than 4.5M and 5 M respecting abutting the road.

C.FIRE FIGHTING WATER :

Underground water reservoir capacity 10,000 Lts. & Overhead water reservoir of 10,000Lts. Capacity exclusively for Fire fighting purpose with replenishing arrangements @ 1000 lts./min. Preferably from two different sources of water supply shall be provided. The Fire Water Reservoir 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.

D.HYDRANT SYSTEM :

- 1.The building shall be provided with Down Comer System with 100 mm internal diameter pipe line, Provision of standard Hose Reel Hose supplied from the overhead reservoir through Booster Pump (450 L.P.M.) shall have to be made in all the floor of the building satisfy the code of I.s. 3844-1989.
- 2.Proper Replenishment arrangement shall have to be made to keep the O.H.W.R. full at all time.
- 3.One stand by pump shall be provided with D.G. back up.
- 4.One collecting head and one hydrant point (Landing valve) shall be installed.

E. ELECTRICAL INSTALLATION & DISTRIBUTION :

1The 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 Fire safety in general building as laid down in I.S. specification 1946 – 1982.

2The electrical installation shall be adequately protected with CO₂/D.C.P. or Medium Velocity / Projector System.

3Alternative Power Supply :

Arrangements 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, etc. and also for illuminating the Staircase, corridors etc. and other places of assembly of the building incase of normal power failure.

F.DETECTION, ALARM AND SUPPRESSION 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, 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. 2189 – 1988.
- 2.Auto fire detection system with the help of smoke detector shall be installed in all places of below and preferably above false ceiling (if any) of the building. The system shall also be made in places of commercial area or rooms where valuable articles have been kept. The other requirements of the system shall be made in accordance with I.S. 2189-1988.
- 3.Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point Hooters will sounded on the same floor and immediate alternate floor.

G.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.

H.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. 15683 with effect from January 2012.

I.GENERAL RECOMMENDATIONS :

- 1 Fire License shall have to be obtained for proposed storing and processing with L.P.G. and other highly combustible articles.
- 2 Floor numbers and directional sign of escape
- 3 routes shall be displayed prominently.
- 4 Fire Notice for fire fighting and evacuation from the building shall be prepared and be displayed at an vulnerable places of the building.
- 5 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.
- 6 Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipments installed in the building to keep them in perfectly good working conditions at all times.
- 7 A crew of trained Fireman 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 building.
- 9 Every after three years a certificate is to be obtained from the Divisional Officer, North 24 Parganas Division, West Bengal Fire & Emergency Services, certifying on the basis of satisfactory services, performance of all the Life and Fire Safety arrangements and installation of the building.

On compliance of all the above Fire and Life safety recommendations, Divisional Officer, North 24 Parganas Division, West Bengal Fire & Emergency Services, shall be approached for necessary inspection and testing of the installation. F.S.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 fire safety recommendation will be treated as cancelled.

Memo No...ESR/125186231100866

Signature Not Verified
Digitally signed by SAROJ
KUMAR BAG
Date: 2023.08.28 22:14:35 IST

Divisional Fire Officer, North 24 Parganas
West Bengal Fire & Emergency Services