



Government Of West Bengal
Office Of The Divisional Fire Officer, Jalpaiguri
West Bengal Fire & Emergency Services
Jalpaiguri Fire Station, Race Course Para,
P.O. & P.S. :- Jalpaiguri, Pin:- 735101

Memo no.:FSR/0125186247900103

Date: 21-03-2024

From:

Divisional Fire Officer, Jalpaiguri
West Bengal Fire & Emergency Services

To: SHREE SHYAM DEVELOPERS Represented By Its Owner Sri. Ankit Kumar Kedia
MOUZA- DABGRAM, PARGANA- BAIKUNTHAPUR, KHATIAN NO- 32 (R.S.), 553 (L.R.) (OLD), 717 (L.R.) (NEW),
PLOT NO- 104 (R.S.), 57 (L.R.), SHEET NO- 11 (R.S.), 78 (L.R.), J.L. NO- 02, P.S.- BHAKTINAGAR, DIST-
JALPAIGURI

Sub: Fire safety Recommendation of a Proposed G+3 Residential cum Commercial building under group
Residential in the premises no. MOUZA- DABGRAM, PARGANA- BAIKUNTHAPUR, KHATIAN NO- 32 (R.S.), 553
(L.R.) (OLD), 717 (L.R.) (NEW), PLOT NO- 104 (R.S.), 57 (L.R.), SHEET NO- 11 (R.S.), 78 (L.R.), J.L. NO- 02, P.S.-
BHAKTINAGAR, DIST- JALPAIGURI

This is in reference to your application no. 0125186247900103 dated 28-02-2024 regarding the Fire safety Recommendation of a Proposed G+3 Residential cum Commercial building under group Residential in the premises no. MOUZA- DABGRAM, PARGANA- BAIKUNTHAPUR, KHATIAN NO- 32 (R.S.), 553 (L.R.) (OLD), 717 (L.R.) (NEW), PLOT NO- 104 (R.S.), 57 (L.R.), SHEET NO- 11 (R.S.), 78 (L.R.), J.L. NO- 02, P.S.- BHAKTINAGAR, DIST- JALPAIGURI

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 Part-

- 1)The whole construction of the proposed building shall be carried out as per the approved plan drawing conforming to the relevant building rules of the local Municipal/Panchayat Body.
- 2)The floor area exceeding 750 m² shall be a suitable compartment by separation wall up to ceiling level having at least two hours Fire resisting capacity.
- 3)The interior finish decoration of the buildings shall be made of low flame spread materials conforming to 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.

B)

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

C)STAIRCASE:

- 1)All the stair cases shall be extended up to the terrace of the building and shall be negotiable to each other without entering into any room.

D)HALL:

- 1)The doors/aisles/gangway/cross gangway/seating arrangement/corridor Hall etc. Shall be made as per good practices of national building code, part-IV.

E)Fire Fighting Water:

- 1)Under grounded water reservoir having a water capacity of 100000 ltrs & overhead reservoir of 10,000 ltrs. Capacity exclusively for Fire Fighting purposes with replenishing arrangement @ 1000 Ltrs/min. preferably from two different sources of water supply shall be provided. The water reservoir shall have an overflow arrangement with the domestic water reservoir as well to prevent the stagnancy of water. The water reservoirs shall be kept full at all times.

F)Hydrant System:

- 1)The building shall be provided with a yard Hydrant /Ring main Hydrant with the provision of two numbers hydrant with one number Fire Service inlet shall be installed in the building in accordance with relevant I.S Specification.
- 2)Proper Replacing Arrangement shall have to be made to keep the O.H.W.R.
- 3)Wet Riser System shall be also provided with IS specification.

G)Fire Pump:

- 1)Provision of the Fire Pump shall have to be made to supply water at the redesigned pressure 3.5kg/cm² at terrace level and discharge 1620 LPM into the water-based system, which shall be installed in the building. One Electric pump having capacity 1620 LPM , Jockey pump 180 lpm, and One such standby pump shall always be kept on preferably of diesel driven type with auto/manual starting facility.

H)ELECTRICAL INSTALLATION & DISTRIBUTION:

- 1)The electrical installation including transformers, switch Gears, main & Meters, etc and the distribution system of the premises shall be made to satisfy the code of practice for fire safety in general buildings as laid down in I.S. specification 1946-1982.
- 2)The vertical ducts shall be supply sealed at the alternative floor level.
- 3)The electrical installations shall be adequately protected with Co2/D.C.POR medium Velocity/Projector system.

I)ALTERNATE POWER SUPPLY:

- 1)Arrangements shall have to be made to supply power with the help of a generator to operate at least the Fire Pump, Pump for the deep tube well.

J)DETECTION ALARM SYSTEM:

- 1)Auto Fire Detection system with the help of a heat and smoke detector shall be installed in all places below and preferably above the false ceiling of the building. The system shall also be made in places of rooms where valuable articles have been kept. The other types of equipment of the system shall be made in accordance with I.S. 2189-1988.

K)FIRST AID FIRE FIGHTING SYSTEM:

1)First Aid Fire fighting arrangement in the style of placing suitable type of portable Fire Extinguishers. Fire Buckets etc. All surrounding areas of premises shall be made in accordance with I.S 15683 from January 2012.

L)GENERAL RECOMMENDATION:

- 1)Fire License shall have to be obtained for storing and processing with the highly combustible article.
- 2)Fire Notice for Fire Fighting and evacuation from the building shall be prepared and displayed at all vulnerable places of the building.
- 3)Floor numbers and direction signs of the escape route shall be displayed prominently.
- 4)The employee and security staff shall be conversant with installed Fire Fighting equipment of the building and to operate in the events of Fire & Testing.
- 5)Arrangements shall be made for regular checking, testing, and proper maintenance of all the Fire Safety installations and equipment installed in the building to keep them in perfectly good working conditions at all times.
- 6)A crew of trained firemen under the experienced Officers shall be maintained round the clock for the safety of the building.
- 7)Mock Fire Practice and Evacuation drill shall be performed periodically with the participation of all occupants of the building.

N.B: Any deviation and changes in the nature of the 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.

Signature valid

Digitally Signed,
Name: Debjanu Basu
Date: 21-Mar-2024 11:02:52
Reason: Approved
Location: West Bengal

Divisional Fire Officer, Jalpaiguri Division, Jalpaiguri
West Bengal Fire & Emergency Services