



Government Of West Bengal
Office Of The Divisional Fire Officer, Murshidabad
West Bengal Fire & Emergency Services
G. R. Das Road, P.O.+P.S. :- Berhampur, Pin :- 742101

Memo no.: FSR/0125186230990088

Date: 02.07.2023

From:
Divisional Fire Officer, Murshidabad
West Bengal Fire & Emergency Services

To: Bharat Shelter Development Ltd.
Dag No-4195, Khatian No-12769, J.L.No-90, Holding No-30, Swarnamoyee Road, P.O and P.S.-Berhampur, Dist-
Murshidabad, Pin-742101

Sub: The Fire Safety Recommendation for an Existing construction of G+6 storied building under group Residential at the premises - Dag No-4195, Khatian No-12769, J.L.No-90, Holding No-30, Swarnamoyee Road, P.O and P.S.-Berhampur, Dist-Murshidabad, Pin-742101. Which name and style "Bharat Shelter Development Ltd."

This is in reference to your application no. 0125186230990088 dated 25.06.2023 regarding the Fire Safety Recommendation for an Existing construction of G+6 storied building under group Residential at the premises - Dag No-4195, Khatian No-12769, J.L.No-90, Holding No-30, Swarnamoyee Road, P.O and P.S.-Berhampur, Dist-Murshidabad, Pin-742101. Which name and style "Bharat Shelter Development Ltd."

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 interior finish decoration of the building shall be made low flame spread material as per U.S. specifications. 2. Arrangements shall have to be made for sealing all the vertical joints by the material of 75 mm Fire resisting capacity.
- (B) OPEN SPACE & APPROACH: 1. The approach roads shall be sufficiently strong to withstand the vehicles of 40 T weight up to 45 M.T. 2. The width and height of the access gated into the premises shall be 10m x 4.5M respectively respecting abutting the road.
- (C) STAIRCASE: 1. The staircase of the building shall have permanent vents at the top and open at the ground level in the external wall of the building. 2. The width of the staircases shall be in accordance with U.S. specifications. The exit Doors shall conforming the relevant Building Rules with all the water arrangements. 3. The staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering up to a level.
- (D) FIRE FIGHTING WATER: Under Ground Water reservoir having Water Capacity of 20,000 Lit. and 10000 Lit. capacity of 20,000 Lit. Capacity exclusively for fire fighting purpose with replenishing arrangements of 1000 Lit. per day.

The authenticity of this document can be verified by accessing the URL: www.bharatshelterdevelopment.com or by contacting the office of the Divisional Fire Officer, Murshidabad, West Bengal Fire & Emergency Services, G.R. Das Road, P.O. & P.S. Berhampur, Pin-742101. Phone number: 0125186230990088



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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 times.

(E) DOWN COMMER SYSTEM: 1. The building shall be provided with of 150mm internal diameter pipe line with provision of landing valves at the Staircase landings/half landings. The system shall be so designed that shall be kept charged with Water at the time under pressure and capable to discharge 500 ltr/min at the ground floor level outlet and minimum 200 ltr/min at the top most outlets. In both cases the running pressure shall not be less than 3.5 Kgs/cm². All other requirements shall conform I.S. 3844-1986. 2. Provision of standard Hose reel Hose has to be provided for both the floors to be made of the building satisfy the code of I.S. 3844-1988. 3. One steady pump of the same capacity shall have to be provided as stand by Fire pump. 4. One (1) or 3 way collecting head shall be provided.

(F) ELECTRICAL INSTALLATION & DISTRIBUTION: 1. 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 Fire safety in general building as laid down in I.S. specification 1960-1962. 2. The vertical ducts shall be supply sealed at alternative floor level. 3. Alternative 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, Fire Lift etc and also for illuminating the staircase, corridors etc and other places of assembly of the building in case of normal power failure.

(G) DETECTION, ALARM AND SUPPLRESSION 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, other requirements of the system shall be made conforming I.S. 2189-1988. The system shall also be made in places or rooms where valuable articles have been kept. The other requirements of 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 adjacent floor. 4. Public Address System: Public address system linked between all floors and control Room shall have to be established.

(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. 2190-1982.

(I) GENERAL RECOMMENDATIONS: 1. Fire Insurance shall have to be obtained for proposed storing and processing with L.P.G. 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. Floor numbers and directional sign of escape route shall be displayed prominently. 4. 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. 5. 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. 6. Mock fire practice and evacuation drill shall be performed periodically with participation of all occupants of building. 7. Each year a certificate to be obtained from the Divisional Fire Officer, Murshidabad Division, West Bengal Fire & Emergency Services certifying about the 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, the Divisional Fire Officer, Murshidabad Division, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation. Final Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.

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 cancel.



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Divisional Fire Officer, Murshidabad
West Bengal Fire & Emergency Services



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