



Government of West Bengal

Office of the Divisional Fire Officer

West Bengal Fire & Emergency Services

Paschim Bardhaman Division, 1st Floor, Durgapur Fire Station Building, City Centre, Durgapur-16

Memo No.: FSR/211862506300015372

Date : 10-07-2025

From :  
Divisional Fire Officer  
Paschim Bardhaman Division  
West Bengal Fire & Emergency Services

To :  
Plan Of Proposed ( G+3) Four Storied Residential Building Of Mr. Provash Das S/o Kali Pada Das, Mr. Bivash Chandra Das S/o Kali Pada Das, Mr. Srinath Das S/o Chittaranjan Das, Mr. Nityaranjan Das S/o Matilal Das, Banerjee Builders C/o Represented By Chittarath Banerjee, At Over R S. Plot No-2061, L. R. Plot No-4344,4359,4386,4354, L. R. Khatian No-15530,15655,14722,14738,7660,4387,4386,4384,14834,14833, J. L No- 68, Mouza- Bhiringi, P.s- Durgapur, Under Dmc Project Dist- Paschim Bardhaman. West Bengal.  
RS Plot No-2061,LR Plot No-4344,4359,4386,4354,LR Kh No-15530,15655,14722,14738,7660,4387,4386,4384,14834,14833,

Sub: **Memo No.: FSR/211862506300015372**

Fire Safety Recommendation for the Proposed ( G+3) Four Storied Residential Building of Mr. Provash Das S/o Kali Pada Das, Mr. Bivash Chandra Das S/o Kali Pada Das, Mr. Srinath Das S/o Chittaranjan Das, Mr. Nityaranjan Das S/o Matilal Das, Banerjee Builders C/o Represented By Chittarath Banerjee, At Over R S. Plot No-2061, L. R. Plot No-4344,4359,4386,4354, L. R. Khatian No 15530,15655,14722,14738,7660,4387,4386,4384,14834,14833, J. L No- 68, Mouza- Bhiringi, P.s- Durgapur, Under Dmc Project Dist- Paschim Bardhaman. West Bengal.

This is in reference to your AIN 211862506300015372 dated 27-Jun-2025 regarding

Fire Safety Recommendation for the Proposed ( G+3) Four Storied Residential Building of Mr. Provash Das S/o Kali Pada Das, Mr. Bivash Chandra Das S/o Kali Pada Das, Mr. Srinath Das S/o Chittaranjan Das, Mr. Nityaranjan Das S/o Matilal Das, Banerjee Builders C/o Represented By Chittarath Banerjee, At Over R S. Plot No-2061, L. R. Plot No-4344,4359,4386,4354, L. R. Khatian No 15530,15655,14722,14738,7660,4387,4386,4384,14834,14833, J. L No- 68, Mouza- Bhiringi, P.s- Durgapur, Under Dmc Project Dist- Paschim Bardhaman. West Bengal.



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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 office is issuing Fire Safety Recommendation in favor of the aforesaid building for compliance of the following fire safety measure.

**Recommendation :**

**Construction:**

1. The whole construction of the proposed 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.
3. Provision of ventilation at the crown of the central core-duct of the building shall be provided.
4. Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire resisting capacity.

**Open Space & Approach:**

1. The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and manoeuvrability of Fire appliance with turning facility.
2. The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting up to 20 M.T.
3. The width and height of the access gates into the premises shall not be less than 4.5 – 5 M respecting abutting the road.

**Staircase:**

1. Provision for 2 nos. stair case, accessible from each floor and each building and as remote from each other as practicable shall be made and they shall be so arranged that they are accessible in at least two different directions from every point in any open area, or from any door.
2. 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.
3. The staircase of the building shall have permanent vents at the top and open able sashes at each floor level in the external wall of the building.
4. The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules and well as rules of the cinematograph Act. With up-to-date amendments.
5. All the staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room.

**Fire Fighting Water:**

1. Underground water reservoir having water capacity at 25,000 ltrs. and overhead reservoir of 10,000 ltrs. capacity exclusively for Firefighting purpose with replenishing arrangements @ 1000 ltrs./min. Preferably from two different sources of water supply shall be provided. The 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.

**Hydrant System:**

1. The building shall be provided with down comer of 100mm internal diameter pipe line with provision of landing valves at the Staircase landings/half landings at the rate of one such riser for 1000 Sq m of floor area. In both cases the running pressure shall not be less that 3.5 Kgs/Cm2. other requirements All shall conform I.S. 3844-1989.



relevant I. S. Specifications.

Fire Pump:-

3. One main fire pump and one standby pump, of capacity minimum 450 LPM and head of the pump will be such that 3.5 Kg/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, conforming to the norms of National Building Code part-IV-fire and life safety.

Detection & 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, talk back system at each floor connecting with audio-visual panel board shall be provided.

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 1946 – 1982.

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

3. The major electrical installation shall be adequately protected with CO<sub>2</sub>/D.C.P. System.

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

Public Address System-

1. Public address system linked between all floors and Control Room shall have to be established.

Air Conditioning System (If any):

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

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

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

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

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. in all floors and vulnerable locations of the premises shall be made in accordance with I.S. 2190 – 1992.

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. 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 equipment's 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 equipment's installed in the building to keep them in perfectly good working conditions at all times.



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

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

8. 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 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

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