



सत्यमेव जयते

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

Memo No.: FSR/211862506300013766

Date : 07-05-2025

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

To :
Mr. Shib Kumar Agarwal & Akash Murarka
MOUZA - NARAMPUR, J.L. NO.- 174,P.S.- MEDINIPUR, DIST.- PASCHIM MEDINIPUR, UNDER MIDNAPORE
MUNICIPALITY.

Sub: Fire Safety Recommendation for Proposed of G+III Storied Building in the Named & Style "SHREE SHYAM DEVELOPERS, Partners of 1. Mr. Shib Kumar Agarwal & 2. Akash Murarka" under the group of Residential building at Mouza - Narampur, J.L. No.- 174, R.S Plot No. – 34(P), L.R. Plot No. – 963(P), Holding No. – 1035, Street – Saratpally, Ward No. – 23, P.S.- Medinipur, Dist.- Paschim Medinipur, Pin – 721101..

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This is in reference to your AIN 211862506300013766 dated 28-Apr-2025 regarding Fire Safety Recommendation for Proposed of G+III Storied Building in the Named & Style "SHREE SHYAM DEVELOPERS, Partners of 1. Mr. Shib Kumar Agarwal & 2. Akash Murarka" under the group of Residential building at Mouza - Narampur, J.L. No.- 174, R.S Plot No. – 34(P), L.R. Plot No. – 963(P), Holding No. – 1035, Street – Saratpally, Ward No. – 23, P.S.- Medinipur, Dist.- Paschim Medinipur, Pin – 721101.

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 :

A. CONSTRUCTION :

1. The whole construction of the existing building shall be carried out as per approved plan drawings conforming of the relevant building rules of local 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.

B. OPEN SPACE & APPROACH:



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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 45M.T.
3. The width and height of the access gates into the premises shall not be less than 4.5M and 5M respecting abutting the road.

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 open able sashes at each floor level in the external wall of the building.
3. The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules.

D. FIRE FIGHTING WATER:

Underground water reservoir having water capacity at 20000 ltrs and overhead reservoir 10000 ltrs capacity exclusively for Fire fighting purpose with replenishing arrangements @ 1000lts/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.

E. HYDRANT SYSTEM:

1. The building shall be provided with down comer connected to terrace tank through the Booster pump at 900 L.P.M capacity and providing one 100 mm. 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 metres of Floor area. 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 kegs/cm². All other requirement shall conform I.S. 3844-1989.
2. Fire Service inlet shall be installed the building in accordance with relevant I.S. specifications
3. Proper Replenishing Arrangement shall have to be made to keep the O.H.W.R & U.G.W.R. full at all time and inter connect U.G.W.R. to O.H.W.R. through pump.

F. SPRINKLER SYSTEM :

The automatic Sprinkler installation shall be provided Ground Floor Car parking area as per I.S. 9972. Alarm gang to be incorporated along with the Sprinkler System.

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G. AIR CONDITIONING SYSTEM : (If any)

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

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 satisfying the code of practice for Fire safety in general building as laid down in I.S. specification 1946-1982.
2. The vertical & horizontal electrical ducts shall be scaled at each floor level by fire resisting material.
3. The electrical installation shall be adequately protected with CO2/D.C.P. Fire Extinguisher.
4. 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.

I. DETECTION with ALARM SYSTEM:

1. Manually operated Electrical Fire Alarm system with adequate number of break glass type call bones fitted with Hooters shall be provided at the entrance of Ground Floor of the building other requirements of



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the system shall be made conforming I.S. 2189 – 1988.

2. Auto fire detection system with the help of heat/smoke detector as per suitability shall be installed in all places of below and preferably above false ceiling of the Building. The system shall also be made in places of the room where valuable articles have been kept. The other requirements of the system shall be made in accordance with I.S.2189-1988.

J. FIRST AND 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.

K. GENERAL RECOMMENDATION:

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. Collapsible gate is not allowed in any Gate of the Ent./Exit. Building.
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.

On compliance of all the above Life and Fire Safety Recommendation, the Divisional Fire Officer, Paschim Medinipur Division, West Bengal Fire & Emergency Services shall be approved for necessary inspection and testing of all the installation, 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.

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.

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Signature valid

Digitally Signed.
Name: Banu Kumar Chowdhury
Date: 07-May-2025 10:19:39
Reason: D-Sign
Location: E-Dist 2.0

Divisional Fire Officer

West Bengal Fire & Emergency Services

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