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Government of West Bengal
Office of the Divisional Fire Officer
West Bengal Fire & Emergency Services
Ghoshpara Road, P.O.:- Bengal Enamel, Pin :- 743122

Memo No.: FSR/211862506300018753

Date : 05-12-2025

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

To :
Kalpana Abasan
HOLDING NO - 82/14, NILGUNJ ROAD, KALYAN NAGAR, WARD NO -07, KHARDAH MUNICIPALITY, P.S.-
RAHARA, NORTH 24 PARGANA

Sub: Fire Safety Recommendation for occupancy of a proposed construction of G+IV storied building under group Residential, in the name & style as "Kalpana Abasan" at the premises of HOLDING NO - 82/14, NILGUNJ ROAD, KALYAN NAGAR, WARD NO -07, KHARDAH MUNICIPALITY, P.S.- RAHARA, NORTH 24 PARGANA..

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This is in reference to your AIN 211862506300018753 dated 02-Dec-2025 regarding Fire Safety Recommendation for occupancy of a proposed construction of G+IV storied building under group Residential, in the name & style as "Kalpana Abasan" at the premises of HOLDING NO - 82/14, NILGUNJ ROAD, KALYAN NAGAR, WARD NO -07, KHARDAH MUNICIPALITY, P.S.- RAHARA, NORTH 24 PARGANA.

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 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.
3. Arrangement shall have to be made for sealing all the vertical and horizontal ducts by the materials of adequate fire resisting capacity.

OPEN SPACE AND APPROACH:



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1. The approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting 45M.T.
2. All the Passage way should be kept clear for free access.

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 hrs.
2. The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules
3. Staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room as per approved plan drawing in red ink.

LIFT:

1. The Lift wall shall be at least two hours fire resisting type.
2. Collapsible Gate shall not be permitted.
3. The lift shall be designed as Fire Lift. The word "FIRE LIFT" shall conspicuously written in fluorescent paint on the lift landing doors at each floor level.

HYDRANT SYSTEM:

1. The building shall be provided with Down Comer along with Hose Reel Hose connected to terrace tank through the Booster pump capacity of 450 LPM with providing one 100 mm. internal diameter pipe line with provision of landing valves at the ground floor level. The system shall be so designed that shall be kept charged with water all the time under pressure and one stand by pump at same capacity shall also be installed. In both cases the running pressure shall not be less than 2kg/ sq.cm. All other requirements shall conform I.S. 3844-1989.
2. Provision of Hose Reel in conjunction with down comer shall be made at landing/ half landing of all floor level conforming relevant I.S. specifications.
3. Proper replenishing arrangements shall have to be made to keep the overhead water reservoir full at all-time.
4. Provision of two way collecting head for uses of Fire Service must be provided at the entrance of the building.

FIRE FIGHTING WATER:

Overhead water reservoir having capacity of 5,000 ltrs. exclusively for fire-fighting purpose with replenishing arrangements @ 1000 ltrs/min. preferably from two different sources of water supply shall be provided. The water reservoirs 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.

ELECTRICAL INSTALLATION AND DISTRIBUTION:

1. The electrical installation including Transformers, Switch Gear, 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.
2. The vertical and horizontal electrical ducts shall be sealed at each floor level by fire resisting materials.
3. The electrical installation shall be adequately protected with CO2/D.C.P. Fire Extinguishers conforming I.S. specification.
4. Arrangement for alternative power supply shall have to be made to supply power with the help of a generator to operate at least the Fire Pump, Deep Tube-Well Pump, Fire Alarm System etc. and also for illuminating the Staircase, Corridors, Lobbies etc. and other places of assembly of the building in case of normal power failure.

DETECTION AND ALARM SYSTEM:

1. Manually operated Electrical Fire Alarm System with at least one number of break glass type call boxes fitted with Hooters along with Public Address System connecting with visual panel board shall be made. Other requirements of the system shall be made conforming I.S. specifications.

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 – 1992 @ two nos. competent type extinguisher per 100m² (one hundred square meter).

GENERAL RECOMMENDATIONS:

1. Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.
2. Floor numbers and directional sign of escape route shall be displayed prominently.
3. No part of open area shall be blocked by keeping/ storing any materials. Open space shall be kept



free for smooth evacuation during any emergency.

4 Good housekeeping shall always be maintained.

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 under the experienced Officer 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.

On compliance of all the above Life and Fire Safety Recommendation, the Director

General, West Bengal Fire & Emergency Services shall be approved for necessary

inspection and testing of all the installation, Fire Safety Certificate in favor 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.: FSR/211862506300018753



Signature valid

Digitally Signed.
Name: SAROJ KUMAR BAG
Date: 05-Dec-2023 20:36:31
Reason: D-Sign
Location: E-Dist 2.0

Divisional Fire Officer

West Bengal Fire & Emergency Services

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