



Government Of West Bengal
Office Of The Divisional Fire Officer, Paschim Bardhaman
West Bengal Fire & Emergency Services
Bhangakhuti, Purba Burdwan, P.O.:- Rajbati, Pin :- 713104

Memo no.: FSR/0125186239100282

Date: 13-08-2023

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

To: Kalyan Rudra and others
BG8 Storied residential (Apartment) housing project of Sri Kalyan Rudra and others developed by MBK INFRASTRUCTURE over R.S.Plot No- 80(p),81(p), L.R.Plot No.- 152,153, Khatian No.-2984,1335,1772, Mouza- Sankarpur, J.L.No.-109, P.S.-New Township, Durgapur, Dist.-Paschim Bardhaman.

Sub: Fire Safety Recommendation for the Proposed construction of B+G+VIII storied building under group Residential (Principal) occupancy, in favour of "Sri Kalyan Rudra, Smt. Ajanta Maity, Sri Ankan Lahiri, Developed by MBK Infrastructure " at the Premises/Holding no-RS Plot No-80(P),81(P), LR Plot No- 152,153, Khatian No- 2984,1335,1772, JL No-109, Mouza- Sankarpur, P.S.-New Township, Durgapur, Dist-Paschim Bardhaman.

This is in reference to your application no. 0125186239100282 dated 03-07-2023 regarding the Fire Safety Recommendation for the Proposed construction of B+G+VIII storied building under group Residential (Principal) occupancy, in favour of "Sri Kalyan Rudra, Smt. Ajanta Maity, Sri Ankan Lahiri, Developed by MBK Infrastructure " at the Premises/Holding no-RS Plot No-80(P),81(P), LR Plot No- 152,153, Khatian No- 2984,1335,1772, JL No-109, Mouza- Sankarpur, P.S.-New Township, Durgapur, Dist-Paschim Bardhaman.

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:

CONSTRUCTION:

- The whole construction of the proposed buildings shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipal Body.
- The floor area exceeds 750m² shall be suitably compartmented by separation walls up to ceiling level having at least two hours Fire resisting capacity.(if applicable)
- The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications.
- Provision of ventilation at the crown of the central core-duct of the building shall be provided.
- Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire resisting capacity.

OPEN SPACE & APPROACH:

- 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 45 M.T.
- The width and height of the access gates into the premises shall not be less than 4.5M and 5 M respecting abutting the road.
- Drive way shall be free from any obstruction. No parking will be allowed on the Drive Way.

STAIRCASE:

- 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.
- The staircase of the building shall have permanent vents at the top equal to 5% of the Cross-Sectional Area of the Staircase enclosure and openable sashes at each floor level equal to 15% of the said cross sectional area shall have to be provided in the external wall of the building and open able sashes will be in the external wall of the building
- The width of the staircases shall be made as marked/approved in the plan. Corridors and the exit Doors shall conform the relevant Building Rules
- The entire staircase shall be extended up to terrace of the building and shall be negotiable to each floor level without entering into any room. The roof of the Stair wall shall be Min. 1 M above the surrounding roof Area.
- Fire and Smoke doors at the entrances of all the Staircase enclosures as marked/approved in the plan at each floor level shall be provided. The F.C.D. shall be of at least one 02 hours Fire resisting wire glass window fitted with self-closing type open able in the direction of escape.
- Considering the staircase are only means of evacuation, Emergency Lighting Arrangement, Directional & Exit signage Etc. shall be made conforming the relevant I.S. Code in this regard.

LIFT:

- The walls of the Lift Enclosure of the building shall be at least two hours Fire Resisting Type respectively marked/as approved in the plan drawing with the vent at top of area not less than 0.2 Sq M.
- The Lift of the Building shall be designed at high-speed FIRE LIFT and conspicuously indication to be pasted.
- One of the lift car of the Building shall be large enough to accommodate standard Ambulance Stretcher and Medical Attendants.
- In case of Failure of Normal Electric Supply, it shall automatically trip over to alternate supply. Alternatively, the lift shall be so wired that in case of power failure, it comes down at the ground floor level land stand still with door open.
- Arrangement shall be provided for extraction of smoke in all the lift shaft by incorporating smoke venting system designed to permit 12 ACPH in case of fire and shall be of such designed to operate on actuation of sprinkler and/or Fire Alarm. In case of failure of normal electric supply. It shall automatically trip to alternate supply.
- Exit from Lift Lobby shall if located in the core of the building shall be through Self-Closing FCD of two hours Fire Resisting.
- The speed of the fire lift car in the building shall be such that it can reach the top from the ground within one Minute and visual indication of floor numbers shall be incorporated in the lift Car.
- All other requirements shall conform the I.S. Specification including the communication facility in the lift cars connecting to the Fire Control Rooms of the Building.
- The walls of the lift enclosure shall be at least two hours Fire resisting type. Collapsible gate shall not be permitted.

Refuge Area :

Emergency Services shall be approached for necessary inspection and testing of the installation, F. S. 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 Fire safety Recommendation will be treated as cancelled.

Signature valid

Digitally signed by SHYAM
CHANDRA MOUDAL
Date: 2023.05.13 19:25:38 IST

Divisional Fire Officer, Paschim Bardhaman
West Bengal Fire & Emergency Services

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