



Government Of West Bengal
Office Of The Deputy Director
West Bengal Fire & Emergency Services
Station Feeder Road, P.O & P.S Silliguri,
District: Darjeeling, Pin - 734005

Memo no.:FSR/0125186220500123

Date: 30-05-2022

From:

Deputy Director
North Zone, HQ Wing,
West Bengal Fire & Emergency Services

**To: SHELCON PROPERTIES PVT LTD REPRESENTED BY ITS DIRECTOR SRI DEBEBRATA SARKAR
MOUZA-BARAGHARIA,PLOT NO-195,196,242 (P),KH NO-448 NEW,JL NO-82 NEW,104 OLD,P.S-MATIGARA,DIST-
DARJEELING**

**Sub: Fire Safety Recommendation of Proposed 3blocks B+G+5 storied Residential Building under group of
Residential in the name of SHELCON PROPERTIES PVT LTD REPRESENTED BY ITS DIRECTOR SRI DEBEBRATA
SARKAR at the Premises no - MOUZA-BARAGHARIA,PLOT NO-195,196,242 (P),KH NO-448 NEW,JL NO-82
NEW,104 OLD,P.S-MATIGARA,DIST-DARJEELING,734010.**

This is in reference to your application no. 0125186220500123 dated 15-05-2022 regarding the Fire Safety Recommendation of Proposed 3blocks B+G+5 storied Residential Building under group of Residential in the name of SHELCON PROPERTIES PVT LTD REPRESENTED BY ITS DIRECTOR SRI DEBEBRATA SARKAR at the Premises no - MOUZA-BARAGHARIA,PLOT NO-195,196,242 (P),KH NO-448 NEW,JL NO-82 NEW,104 OLD,P.S-MATIGARA,DIST-DARJEELING,734010.

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

- 1.The whole construction of the proposed building shall be carried out as per approved plan drawing conforming relevant building rules of local administrative body.
- 2.The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specification.
- 3.Provision of ventilation at the crown of the central core-duct of the building shall be provided.
- 4.Arrangement 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 buildings shall conform the relevant building rules as well as permit the accessibility and manoeuvrability of fire appliances with turning facility having minimum 6.5 M width in each side.
2. The approach roads shall be sufficiently strong to withstand load of fire engine weighing up to 45 M.T.
3. The width and height of the access gates into the premises shall not be less than 4M and 5M respectively abutting the road.
4. One side internal driveway shall be 9mtr for easy access of fire engine due to furthest distance of building from abutting road crossed 70mtr.

In case of Air Condition (IS 659:1991):-

It shall conform to the following:-

- i) Escape routes like staircases, common corridors, lift lobbies etc. shall not be used as return air passages.
- ii) Regular check up of all split type window machine to prevent dust, foreign materials in the air inlet should maintained to prevent spontaneous combustion.
- iii) In case of central A.C. system, the same shall be incorporated with automatic dampers with fusible link with a View to shut down the system automatically in case of any fire in AC system.
- iv) Regular checking, testing, cleaning the Air inlet is must.
- v) Arrangements shall be made for isolation at the strategic locations by incorporating auto dampers in the Air Conditioning system.

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 staircase shall be made as marked in the plan. Corridors and the exit doors shall conforming the relevant building rules which upto date amendment.
- 4) All the staircases shall be extended upto terrace of the building and shall be negotiable to each other without entering into any room.
- 5) Fire and smoke doors at the entrances of all the staircase enclosure as marked in the plan at each floor level shall be provided. The F.C.D. shall be of at least two hour fire resisting wire glass window fitted with self-closing type open able in the direction of escape.

LIFT

- 1) Walls of all lift enclosures shall have a fire rating of two hours; lifts shafts have a vent area not less than 0.2 M²
- 2) Lift Motor Room shall be located preferably on top of the shaft and separated from the shaft by the floor of the room.