

- c. The glass front of 6 inch dia. with the breakable glass shall be provided just above the single latch lock, as to open the latch in emergency.
- d. The door shall either be fitted with magnetic lock or shall be synchronize with fire detection and alarm system.

6) CORRIDOR / LIFT LOBBY (for each Building):

- i) Corridor / lift lobby at each floor level shall be naturally ventilated as shown in plan.
- ii) The common corridor / lift lobby at each floor level shall be kept free from obstructions at all times.
- iii) Self glowing/fluorescent exit signs in green color shall be provided showing the means of escape for entire building.
- iv) Portable lights / insta lights shall be provided at strategic locations in the staircase and lift lobby.

7) STAIRCASE AND CORRIDOR LIGHTINGS (for each Building):

- i) The staircase and corridor lighting shall be on separate circuits and shall be independently connected so that they could be operated by one switch installation on the ground floor control room easily accessible to fire fighting staff at any time irrespective of the position of the individual control of the light points, if any.
- ii) Staircase and corridor lighting shall also be connected to alternate supply.
- iii) Double throw switches should be installed to ensure that lighting in the staircase and the corridor do not get connected to two sources of supply simultaneously. A double throw switch shall be installed in the service room to terminate the stand-by-supply.
- iv) Emergency lights shall be provided in the staircases/corridors.

8) FLAT, KITCHEN, SHOP ENTRANCE & EXIT & STAIRCASE DOOR (for each Building):

- i) Shop, Flat entrance and kitchen doors if any shall be of solid core having fire resistance of not less than one hour (solid wood of 45 mm thickness.)
- ii) The fire resistance rating for staircase FRD, Lift lobby / protected lobby & the lift doors as per NBC provisions.

9) ELECTRIC CABLE SHAFT, SERVICES & METER ROOM (for each Building):

- i) Electric cable shaft shall be exclusively used for electric cables and should not open in staircase enclosure.
- ii) Inspection doors for shafts at the each floor level shall have two hours fire resistance.
- iii) Electric shaft shall be sealed at each floor level with non combustible materials such as vermiculite concrete. No storage of any kind shall be done in electric shaft.
- iv) Electric wiring/ cable shall be non-toxic, non-flammable, low smoke hazard having copper core / fire resistance for the entire building with provision of ELCB/MCB.
- v) Electric meter room shall be provided at the location shown in the plan. It shall be adequately ventilated & easily accessible.
- vi) Low and medium voltage wiring running in shaft and in false ceiling should run in separate conduits;