

- vii) Water mains, telephone lines, intercom lines, gas pipes or any other service line should not be laid in the duct for electrical cables; use of bus bar/solid rising mains instead of cables is preferred.
- viii) Preferably bus bar system shall be installed from ground to all upper floors main supply.
- ix) Separate circuits for firefighting pumps, lifts, staircases and corridor lighting and blowers for pressurizing system shall be provided directly from the main switch gear panel and these circuits shall be laid in separate conduit pipes, so that fuse in one circuit will not affect the others. Such circuits shall be protected at origin by an automatic circuit breaker with its no-volt coil removed.
- x) Automatic smoke detector system shall be provided in each electric shaft on each floor along with response indicator which shall be connected to main consol panel board on ground floor level and each floor level.
- xi) Master switches controlling essential service circuits shall be clearly labeled and shall be placed at control room on ground floor.

10) FALSE CEILING (if provided for each Building):

False ceiling if provided in the building shall be of non-combustible material. Similarly, the suspenders of the false ceiling shall be of non-combustible materials.

11) MATERIALS FOR INTERIOR DECORATION/FURNISHING (for each Building):

The use of materials which are combustible in nature and may spread toxic fume/gases should not be used for interior decoration/furnishing, etc.

12) LIFTS:

A. PASSENGER LIFT (for each Building):

- i) Walls enclosing lift shaft shall have a fire resistance of not less than two hour.
- ii) Shafts shall have permanent vent of not less than 0.2 sq. mtrs in clear area immediately under the machine room.
- iii) Landing doors and lift car doors of the lifts shall be of steel shuttered with fire resistance of one hour. No collapsible shutter shall be permitted.
- iv) Fire lift shown in the plan shall be as per specifications laid down under the regulations, a toggle switch shall be provided to this lift for the use of Firemen.
- v) Threshold of non combustible material shall be provided at the entrance of each landing door.

B. FIRE LIFT (for each Building):

- i) Walls enclosing lift shafts shall have two hours fire resistance.
- ii) The shafts shall have permanent vent equal 0.2 sq.mtr. clear area under the Lift Machine room.
- iii) Landing doors and lift car doors shall be of steel shuttered type with one hour fire resistance. No collapsible shutters shall be provided.
- iv) To enable fire services personnel to reach the upper floor with the minimum delay, one fire lift shall be provided and shall be available for the exclusive use of the firemen in an emergency and the directly accessible to every dwelling of each floor.

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