

R) HOSE BOX & HOSES:

Hose box comprising two no's. of 15 mtrs. length approved type hoses with appropriate couplings along with a standard size branch shall be provided near each hydrant outlet of the wet riser on ground floor and upper floors.

16) SERVICE DUCT (if provided for each Building):

- a) Service ducts shall have 2 hr. fire resistance.
- b) Inspection door of the service ducts shall have 2 hr. fire resistance.
- c) Duct for water service, drainage line, shall be separate from that of electrical cable duct.

17) TRAINED OCCUPIERS:

Occupiers of the each building shall be trained to extinguish the fire at in initial stage, supervision on Maintenance of entire fixed fire fighting installation system, Mock evacuation drills & to use of portable fire extinguishers etc.

18) REFUGE AREA (for each Building):

The architect has proposed cantilever type refuge area at mid-landing level of 7th-8th, 9th-10th, 11th-12th, 13th-14th, 15th-16th, 17th-18th, 19th-20th & 21st-22nd floor and it shall be confirming to the following requirements;

i) Manner of refuge area:

- a) The refuge area shall be so located that it shall preferably face the access road/s or otherwise face the wider open space on the side of the building perpendicular to the main access road.
- b) The refuge area shall be provided with railing / parapet of 1.20 mtrs.
- c) The cantilevered refuge area shall necessarily be of RCC Type.
- d) R.C.C. covering shall be provided above the topmost cantilever refuge area.
- e) The refuge area shall have a door which 'shall be painted or fixed with a sign in luminous paint mentioning "REFUGE AREA IN CASE OF EMERGENCY".
- f) The lift/s shall not be permitted to open into the refuge areas.

ii) Use of refuge area:

- a) The refuge area shall be earmarked exclusively for the use of occupants as temporary shelter and for the use of Fire Brigade Department or any other organization dealing with fire or other emergencies when occur in the building and also for exercises/drills if conducted by the Fire Brigade Department.
- b) The refuge areas shall not be allowed to be used for any other purpose and it shall be the responsibility of the owner/occupier to maintain the same clean and free of encumbrances and encroachments at all times.
- c) Adequate emergency lighting facility shall be provided.

iii) Terrace floor as a refuge floor:

- a) The necessary facilities such as emergency lighting, drinking water etc shall be provided.
- b) The access door/s from the enclosed staircase/s to the terrace floor shall have louvers at top half portion of the door. The entrance doors to the terrace shall be painted or fixed with sign painted in luminous paint mentioning "REFUGE AREA".

Signature
11/5/17

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