

2.9.5. Fire Lift Lobby (Fire Man's Lift Lobby)

- a. All Super highrise buildings (Having height greater than 90 m from the Fire access level) shall have "Fire Fighter's Lift Lobby" as per **Chapter 1, Table 1.9.38**. See **figure 2.15**. The fire lift lobby shall be enclosed with a smoke barrier having a minimum 1-hour fire-resistance rating.
- b. Before a fire can be fought by fire-fighters, they need a dedicated space where they gather their equipment such as lengths of hose, branches, door opening tools etc., before advancing to fight the fire. This requirement shall be fulfilled by a well defined Fire Lift Lobby where both Fire exit Stair and Fire Lift can be accessed.



- c. The fire fighting lobby shall have a clear floor area of not less than 9 m² with a minimum dimension of 2440 mm.
- d. Fire Lift Lobby shall be provided with a doorway that is protected with a 60 minutes fire door assembly.
- e. The fire fighting lobby shall be free of combustible materials and ignition sources.
- f. There are no requirements for the Fire Lift lobby or the fire lift shaft to be pressurized when fire lift lobby according to this section is provided.

Figure 2.15: Fire Man's Lift Lobby

2.9.6. Fire Exit Stair

- a. 2 Hour rated Fire Exit enclosure shall be available for the fire fighters to access the interior and upper floors of the building. Such exit stair shall be fully enclosed smoke proof space. The number of such Stairs shall be governed by **Chapter 3** and construction shall comply with **Chapter 1**.
- b. Fire Exit Stair shall connect every habitable floor of the building and not less than one stair shall provide access to the roof where LPG Tanks are located.

