



**Table 1.9: Fire Resistance Separation and other requirement of incidental accessory /Occupancies.**

INCIDENTAL ACCESSORY ROOMS AND CUPANCIES	OC-	REQUIRED SEPARATION WITH AUTOMATIC FIXED FIRE PROTECTION SYSTEM	REQUIRED SEPARATION WITHOUT AUTOMATIC FIXED FIRE PROTECTION SYSTEM	OTHER CONSTRUCTION AND PROTECTION REQUIREMENTS (See Chapter 9 for Fire Protection requirements Chapter 10 for smoke control requirements)
35. PASSENGER ELEVATOR LOBBY		1 Hour	1 Hour	<ul style="list-style-type: none"> <li>i. Barriers forming the elevator lobby shall have a minimum 1-hour fire resistance rating and shall be arranged as a smoke barrier.</li> <li>ii. Elevator lobby door assemblies shall have a minimum 1-hour fire protection rating</li> <li>iii. Elevator lobby door leaves shall be self-closing or automatic-closing.</li> <li>iv. Each elevator landing and lobby shall have access to at least one exit.</li> <li>v. Every Superhighrise building , i.e., building with height more than 90 m from fire access level, shall have elevator lobby doors. Elevators shall not be open to exit corridors without lobby barriers in Superhighrise buildings.</li> </ul>
36. ELEVATOR SHAFT/ HOISTWAY  (Elevator Shaft fire ratings mentioned here are minimum requirements and will increase based on the building construction type that the elevator shaft belongs to)		1/2/3 Hour depending on the building construction type	1/2/3 Hour depending on the building construction type	<ul style="list-style-type: none"> <li>i. Elevator shaft Separation requirement is exempted when elevator is on external face of façade or located in open spaces like atriums, communicating space or convenience space.</li> <li>ii. Not more than 4 elevator cars shall be located in one single hoistway enclosure.</li> <li>iii. Hoistway can be glass and not fire rated but shall meet the requirements of ANSI Z97.1, Glazing materials used in buildings or CPSC 16 CFR 1201, Safety standard for architectural glazing materials.</li> <li>iv. Where an elevator is installed in a blind hoistway or on outside of a building, an emergency door in the blind portion or blank face of building, in accordance with ASME A17.1/CSA B44., Safety code of elevators and escalators.</li> </ul>
37. LIFT MACHINE ROOM		Shall be same as Elevator Shaft	Shall be same as Elevator Shaft	<ul style="list-style-type: none"> <li>i. Elevator machine rooms serving elevators used for occupant evacuation shall be separated by 2 hours fire resistance separation.</li> <li>ii. Provide ventilation as per Chapter 10 for Smoke Control requirements.</li> </ul>