



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

INCIDENTAL ACCESSORY ROOMS AND OCCUPANCIES	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)
60. ROAD TUNNELS	0 Hour	0 Hour	<ul style="list-style-type: none"> i. Construction, Structure, Strength, Materials etc. shall be as per NFPA 502. Standard for Road Tunnels, Bridges and Other Limited Access Highways. ii. The emergency exits shall be enclosed in a minimum 2-hour fire-rated enclosure having a Class A interior finish
61. ROBOTIC/ MECHANICAL PARKING STRUCTURE	2 Hour	2 Hour	<ul style="list-style-type: none"> i. Construction, Structure, Strength, Materials etc. shall be as per NFPA 88A. Standard for Parking structure. ii. Those parts of parking structures located within, immediately below, attached to, or less than 3000 mm from a building used for any other purpose shall be separated by walls, partitions, floors, or floor-ceiling assemblies having fire resistance ratings of not less than 2 hours. iii. Offices or other similar spaces that are related to the operation of the parking structure and are less than 300 m² in area, other than cashier or attendant booths, shall be separated from parking areas by walls or partitions that resist the passage of smoke. iv. Perimeter Fire Barriers, Exterior Curtain Wall and Cladding systems shall be 'Civil Defence Approved System'.
62. HELIPADS/ ROOFTOP HELIPADS			<ul style="list-style-type: none"> i. Where required and permitted by Civil Defence, Helipads and rooftop heliports and rooftop landing pads shall be constructed in accordance with NFPA 418, <i>Standard for Heliports</i>. ii. Fueling systems associated with rooftop heliports shall be constructed in accordance with NFPA 407, <i>Standard for Aircraft Fuel Servicing</i>. iii. For fire fighting and protection requirements, refer to Chapter 9. Table 9.29.14.