



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)
14. EMERGENCY LIGHTING BATTERY ROOM/ UPS ROOM	1 Hour	2 Hour	i. Ventilation shall be provided for battery storage room and the UPS room. ii. Fire door shall be 60 minutes fire rated.
15. GENERATOR ROOM	2 Hour	2 Hour	i. Generator Room shall be located above grade level, on the exterior perimeter of the building. ii. Where located below grade, shall be on the perimeter of the space such that supply and exhaust can be achieved to exterior directly . iii. Where located below grade, shall be separated from rest of the area by the required fire rating and motorized louvers or fire curtains shall be provided to achieve the required fire rating. iv. Maximum Diesel Fuel allowed inside the Generator Room is 2498 L (660 gal). v. Generator room shall not be permitted on the roof of the building.
16. LOW VOLTAGE SWITCH ROOM (LV)	2 Hour	2 Hour	i. LV Room shall be located above grade level, on the exterior perimeter of the building. ii. When located on the perimeter of the building, the separation shall be between LV room and other occupancies. Front side of the room exposed to exterior, need not be fire rated. iii. LV Rooms protected with Automatic Clean agent systems should have motorized louvers. iv. Door shall be 90 minutes Fire resistance rated with motorized louvers, where the room doesn't open to exterior of the building. v. Where located below grade, shall be on the perimeter of the space such that supply and exhaust can be achieved to exterior directly . vi. Where located below grade, shall be separated from rest of the area by the required fire rating and motorized louvers or fire curtains shall be provided to achieve the required fire rating.
17. TRANSFORMER ROOM AND HIGH VOLTAGE ROOM	2 Hour	2 Hour	i. Transformer /HV Room shall be located above grade level, on the exterior perimeter of the building. ii. When located on the perimeter of the building, the separation shall be between transformer/ HV room and other occupancies. Front side of the room exposed to exterior need not be fire rated.