

# ELECTRICAL ROOMS



FLS_A7	ELECTRICAL ROOMS	
	Fire and Life Safety (FLS) Requirements Annex_A7	Revisions_2021
Item	Provisions	Notes
1.0	<b>The minimum requirements shall apply to the following: (Electrical Equipment/Panel and Similar rooms/spaces not limited to the following:)</b>	
1.1	Communications Rooms	
1.2	Extra-Low Voltage – ELV Rooms	
1.3	Computer / IT Rooms	
1.4	Server Rooms	
1.5	Electrical/EE Rooms	
1.6	Closed-Circuit Television – CCTV Rooms	
1.7	Electrical Meter Rooms	
2.0	<b>Electrical Equipment/Panel and Similar Rooms/Spaces:</b>	
2.1	FOR BUILDINGS OR PORTIONS OF BUILDING NOT REQUIRED WITH SPRINKLER PROTECTION: Electrical equipment/panel and similar rooms shall be protected with automatic fire extinguishing system (wet or other type) if:	
2.1.1	1-hr fire resistance rated enclosures regardless of room size.	
2.1.2	2-hrs fire resistance rated enclosures and not compliant with the conditions below item no. 2.2 (exemption for automatic fire extinguishing provision), regardless of room size.	



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2.2	Exemption for Automatic Fire Extinguishing Provision: Automatic Fire Extinguishing System (Wet or other type) shall not be required in electrical equipment/ panel and similar rooms/spaces where all of the following conditions are met:	
2.2.1	The room is dedicated to electrical equipment only.	
2.2.2	Only dry-type electrical equipment is used.	
2.2.3	Equipment is installed in a 2-hour fire-rated enclosure including protection for penetrations. 1.5-hr fire protection rated openings shall be provided.	
2.2.4	Storage is not permitted within the room.	
2.3	FOR BUILDING/S REQUIRED WITH THROUGHOUT SPRINKLER PROTECTION: Electrical equipment/panel and similar rooms shall be protected with automatic fire extinguishing system (wet or other type) and shall be enclosed within a minimum of 1-hr fire resistance rating.	
2.4	Other Requirements:	
2.4.1	Electrical panel/s including exposed cable conduits located along exit access, shall be within a fire rated assemblies (closet/cabinet) of 1-hour fire resistance rating and ¾-hr openings protection.	
2.4.2	Electrical Meters including exposed cable conduits located along exit access, shall be within a fire rated assemblies (closet/cabinet) of 1-hour fire resistance rating and ¾-hr openings protection.	

