

Table 8.1: General Requirements of Fire Detection and Alarm Systems

ITEMS	REQUIREMENTS
15. POWER SUPPLIES	<ul style="list-style-type: none"> xi. The secondary power supply capacity for supervising station facilities and equipment shall be capable of supporting operations for a minimum of 24 hours and then shall be capable of operating the system during a fire or other emergency condition for a period of 30 minutes at maximum connected load. xii. Battery calculations shall include a minimum 20 percent safety margin above the calculated amp-hour capacity required. xiii. Batteries shall be marked with the month and year of manufacture using the month/year format. xiv. Storage batteries shall comply with the requirements of Article 480 of NFPA 70. xv. Battery charging equipment shall be provided to recharge batteries within 48 hours after fully charged batteries have been subject to a single discharge cycle.



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