



PREVENTION MANUAL

FIRE EXTINGUISHING SYSTEMS

405.15 POWER SUPPLY CONNECTION FOR ELECTRIC SPRINKLER ALARM BELLS

EFFECTIVE: JANUARY 2009

SCOPE

Power supply connections for electric fire sprinkler alarm bells.

PURPOSE

The purpose of this policy is to clarify the requirements for providing a power supply for electric fire sprinkler system alarm bells.

REQUIREMENTS

The power supply for electric fire sprinkler alarm bells shall be provided from a dedicated branch circuit. This circuit shall be connected after the main service disconnect for the premises. For multi-meter panels, the dedicated branch circuit shall be on the house panel. The breaker shall be locked in the ON position, red in color, and labeled "Fire Sprinkler Bell".

Exceptions:

1. When sprinkler alarm monitoring is required, a separate dedicated branch circuit providing power to the fire sprinkler alarm bell and the monitoring control panel shall be provided as described above.
2. If the building is equipped with an emergency generator installed as a secondary power supply for the building life safety systems, the branch circuit shall receive secondary power from the standby power source.