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# ANCHORAGE FIRE DEPARTMENT

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## **New and Existing Building Fire Sprinkler Monitoring Requirements**

In accordance with the 2009 International Fire Code (IFC) adoption by the State of Alaska on November 16, 2012, section 903.4 and amendment (88) adopted the 2010 NFPA 72 National Fire Alarm and Signaling Code, fire sprinkler systems (not connected to a Fire Alarm Control Panel) are required to be monitored by a Dedicated Function Fire Alarm Control Unit per 2010 NFPA 72 sections 23.8.5.5.1 and 23.8.5.6.

Sprinkler system monitoring is required per the 2009 IFC 903.4 and 903.4.1 and 2012 IFC 903.4 and 903.4.1.

Existing fire sprinkler system installed on or after November 16, 2012 shall comply with the above requirements when any of the following are met if they have not been approved prior to 7-13-2016.

- Modification to any part of the fire sprinkler system
- Installation of a fire alarm system
- Any modification to existing monitoring system equipment to include like for like replacement.
- Any change of monitoring service company

Existing fire sprinkler system installed prior to November 16, 2012 shall comply with the above requirements when any of the following are met

- Installation of a fire alarm system
- Any modification to existing monitoring system equipment to include like for like replacement.
- Any change of monitoring service company

A Municipality of Anchorage Building Safety Permit for Fire Alarm Installation shall be required for installation of the Dedicated Function Control Panel and/or monitoring equipment regulated by the IFC and NFPA standards

## **Minimum System Requirements**

- Dedicated function fire alarm control unit as required per 2010 NFPA 72 section 23.8.5.5.1
  - 7 AH batteries minimum
- Manual pull station installed in the riser room per 2010 NFPA 72 section 23.8.5.1.2
  - If multiple sprinkler riser rooms in a building, one manual pull station per riser room.
- Smoke detector install over fire alarm control unit per 2012 IFC 907.4.1
- FACP Map at main building entrance per Anchorage Fire Department policy 08-003
  - <http://www.muni.org/Departments/Fire/Prevention/Documents/003.pdf>

## **System Design**

- 2012 IFC 907.1.2 requirements #'s 2, 4, 5, 6, 7, 8, 10, 12, 13
- Basic panel with riser diagram
- Show connected device with zones or SLC associated
- Battery calculations (minimum supplied battery size 7AH)
- Basic building layout showing location of the panel 3 locations allowed: Main Entrance (preferred), sprinkler riser room (alternate) and electrical room (alternate)
- 11 x 17 drawings minimum size