

# Fire Sprinkler Inspections

## Fire Sprinkler Service

A properly maintained automatic fire sprinkler system can significantly reduce property damage as well as protect lives. Koorsen Fire & Security has the knowledge and experience to expand, modify, inspect and service existing fire sprinkler systems.



## Inspection Procedures

- Inspect all Fire Department connections.
- Inspect all flow switches. Test water flow devices semi-annually, and water motor gongs quarterly.
- Inspect all control valves and tamper switches. Verify operation and test control valves and tamper switches semi-annually.
- Perform a main drain test on all risers noting static and residual water pressure anytime a control valve has been operated (semi-annually).
- Inspect all dry pipe valves for proper air pressure, water pressure, and priming water level. Trip test once a year.
- Drain low point drains on dry sprinkler systems.
- Verify that the monitoring company receives signals from water flow and supervisory devices.

## Definitions

*Inspect:* a visual examination of a system or portion thereof to verify that it appears to be in operating condition and is free of physical damage.

*Test:* a procedure used to determine the status of a system by conducting periodic physical checks on water-based fire protection systems. These tests follow up on the original acceptance test at intervals specified.

## Backflow

Many municipalities now require the testing of your backflow preventers. Koorsen Fire & Security has certified backflow technicians to provide this service for your sprinkler systems and your domestic water lines.

## Fire Pumps

Fire pumps are a critical component to your fire protection system. They are necessary where the water pressure is not sufficient to supply the fire sprinkler system. Koorsen Fire & Security's Technicians can inspect and test these fire pumps.

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