



W & M Sprinkler Company, Inc.

DESIGN • INSTALLATION • MAINTENANCE



a division of Davis-Ulmer Sprinkler Company

Semi-Annual

INSPECTION/TESTING OF FOAM SYSTEM W/O DETECTION

The State Fire Code requires you to inspect, test, and maintain fire protection systems in an operative condition. All inspection, testing and maintenance records are required to be kept on file at the premises. Any questions concerning regulatory requirements for fire protection systems should be directed to your municipal code enforcement authority. W & M Sprinkler will notify you in writing of any condition or deficiency discovered requiring correction or repair. Any authorized repair/maintenance work will be performed either as quoted or on a time and material basis.

SCOPE OF WORK

- (Annually) Attempt to visually inspect all known portions of system for exterior condition of sprinklers/spray nozzles, piping, hangers, valves, gauges, and fire department connection from floor level only.
- (Semi-Annually) Attempt to visually inspect proportioning system condition for corrosion and damage of sprinklers/spray nozzles, piping, hangers, valves, and gauges from floor level only.
- (Annually) Operate all known control valves, and seal valves in proper position.
- (Annually) Attempt to visually verify proper sprinkler/spray nozzle orientation, temperature rating, and obvious obstruction from floor level only.
- (Annually) Verify appropriate quantities and types of sprinkler heads and wrenches in cabinet.
- (Semi-Annually) Verify operation of water flow alarm to building Fire Alarm Panel and remote monitoring facility (if equipped).
- (Semi-Annually) Verify operation of low air alarm (if equipped with low air test valve) to building Fire Alarm Panel and remote monitoring facility (if equipped).
- (Semi-Annually) Test quick opening device (if equipped).
- (Annually) Perform main drain flow test and record static and residual pressures (weather permitting).
- (Semi-Annually) Verify operation of valve supervisory switches to building Fire Alarm Panel and remote monitoring facility (if equipped).
- (Semi-Annually) Check system and air maintenance device air pressures (if equipped).
- (Semi-Annually) Test air compressor (if equipped) for proper operation, condition and automatic sequencing. Drain condensation from the air reservoir, check position and condition of air supply valves, inspect air supply line and check valve for proper operation.
- (Annually) Perform water only trip test of the dry pipe valve, check the interior condition of the valve, clapper, latching devices, and facings (if equipped).
- (Triennial) Perform water only full flow trip test, record observations and results (if equipped).
- (Semi-Annually) Drain and blow out all known low point drains (if equipped).
- (Annually) Perform foam flow test to verify foam concentration.
- (Annually) Collect raw foam concentrate samples and submit to outside laboratory testing.
- (Semi-Annually) Affix inspection tags, date, and initial.
- Furnish completed inspection/test forms.

Excluded Work:

- Five year Obstruction inspection/investigation.
- Flushing of system piping.
- Any and all NFPA, State, and Local requirements in excess of above stated.

