

Fire Protection System Inspection  
General Scope

- 1) Wet sprinkler riser (qty x) (concession riser add x additional risers for a total of x)
  - ◇ Perform Main Drain Test
  - ◇ Open Inspectors Test & Drain Verify Flow Switch Operation & Signal to Alarm Panel
  - ◇ Open & Close Sprinkler Control Valves Verify Tamper Switch Operation & Signal to Alarm Panel
  - ◇ Visual inspections of all pipe, valves, fittings, and gauges
  - ◇ Ensure System is charged and back in service
  
- 2) Dry sprinkler risers (Qty x)
  - ◇ Perform system trip test
  - ◇ Verify low air and system pressure switch operate properly
  - ◇ Verify signal to alarm panel
  - ◇ Drain system low point drum drips
  - ◇ Visual inspections of all pipe, valves, fittings, and gauges
  - ◇ Ensure System is charged and back in service
  
- 3) Pre-Action System A (Qty x)
  - ◇ Partial trip of system to verify valve, and alarm operation (1<sup>st</sup> 2 years the 3<sup>rd</sup> year requires a full trip test)
  - ◇ Test smoke detectors for operation
  - ◇ Visual inspections of all pipe, valves, fittings, and gauges
  - ◇ Ensure System is charged and back in service
  
- 4) Fire Hydrants (Qty x)
  - ◇ Open valve and flush the fire hydrant to ensure operation
  - ◇ Close valve and remove standing water in vertical piping
  - ◇ Winterize hydrant as necessary depending on time of year
  - ◇ Visually inspect fire hydrant for defects
  
- 5) Fire Protection Zone Valves (Qty x)
  - ◇ Open and close valve to ensure ease of movement
  - ◇ Verify tamper switch is working properly
  - ◇ Verify signal to alarm panel
  - ◇ Visually inspect the zone valve for defects.
  - ◇ Ensure valve is left open and system is in service
  
- 6) Visual inspection of sprinkler heads
  - ◇ Visually inspect sprinkler heads for defects and obstructions
  
- 7) Fire Extinguishers (qty approx x)
  - ◇ Visually inspect fire extinguisher for defects
  - ◇ Verify the extinguisher is charged to proper levels
  - ◇ Provide an inspection tag with date and signature certifying extinguisher is serviceable
  
- 8) Post Indicator Valves (Qty xx)
  - ◇ Open and close valve to verify operation
  - ◇ Verify signal from tamper switch to alarm panel
  - ◇ Visually inspect Post indicator for defects
  - ◇ Ensure valve is put back in service
  
- 9) Fire Pump
  - ◇ Perform fire pump function test
  - ◇ Provide test report verifying pump performance data
  - ◇ Ensure all alarm signals to alarm panel per NFPA and Local AHJ
  - ◇ Visually inspect all piping, valves, fittings and gauges for defects.
  - ◇ Ensure fire pump is placed in service upon completion of testing