

STEEL VALLEY FIRE PROTECTION'S NFPA 25 SPRINKLER INSPECTION CHECKLIST

WEEKLY ITEMS

- Ensure all control valves are in proper position
- Verify temperature >40°F in valve enclosures
- Verify RPZ relief is not constantly discharging
- Check gauges to ensure the static water supply pressure & air pressure are normal

MONTHLY ITEMS

- Examine the exterior of dry, preaction, deluge, & alarm check valves
- Inspect the condition of the air compressors, wiring, air lines, & oil level

QUARTERLY ITEMS

- Visualize Fire Department Connections (FDC)
- Examine electronically supervised control valves
- Check sprinkler system pressure reducing & relief valves
- Visualize hose valves
- Inspect supervisory signal devices & waterflow alarm devices
- Main drain test for systems with backflow preventers
- Test mechanical water motor gong if present
- Test priming water level & quick opening devices on dry systems

SEMI-ANNUAL ITEMS

- Test vane type waterflow switches
- Test pressure type waterflow switches
- Test valve supervisory switches
- Verify nitrogen concentration in dry systems equipped with N2 generators

ANNUAL ITEMS

- Inspect sprinklers, exposed pipe, & fittings from floor level
- Inspect hose, hose cabinets, hose connections, nozzles, storage devices & stapipe piping
- Inspect hangers & bracing
- Inspect & flow hydrants
- Interior inspection of dry valves
- Verify proper signage is present
- Confirm proper number & type of spare sprinklers & proper wrenches
- Clean dry pipe valve internals
- Empty low point drains
- Operational test of Class I & Class III hose valves
- Test control valves
- Test any other supervisory signal devices
- Partial trip test of dry, preaction, and/or deluge valves
- Partial flow test of pressure regulating or pressure reducing valves
- Lubricate stems of OS&Y valves
- Lubricate hydrant stems, caps, plugs, & threads

3-YEAR ITEMS

- Operational test of Class II hose valves
- Full flow trip test of dry, preaction, &/or deluge valves
- Air leakage test on dry &/or preaction systems

5-YEAR ITEMS

- Internal inspection of pipe
- Internal inspection of non-externally resettable deluge, preaction, & check valves
- Internal inspection of strainers, filters, & orifices
- Test/Replace gauges
- Sample testing of extra high temperature heads exposed to maximum allowable temperature
- Sample testing of heads in harsh environments
- Full flow testing of private main hydrants
- Hydrostatic test of FDC piping
- Hydrostatic test of manual & semiautomatic dry stapipe systems

20-YEAR ITEMS

- Sample testing of dry sprinkler heads
- Sample testing of ESFR & CMSA with fast-response elements (Retest every 10 years)

25-YEAR ITEMS

- Sample testing of fast response sprinkler heads except ESFR & CMSA (Retest every 10 years)

50-YEAR ITEMS

- Sample testing of all sprinkler heads (Retest every 10 years until the system is 75 years old)

75-YEAR ITEMS

- Sample testing of all sprinkler heads (Retest every 5 years)



STEEL VALLEY FIRE PROTECTION IS YOUR ALL-INCLUSIVE FIRE AND LIFE SAFETY SOLUTION!

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