USAFP'S NFPA 25 INSPECTIONS, TESTING, & MAINTENANCE 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
- ☑ Full flow of automatic 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)

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