

Standpipe and Hose Systems

Inspection, Testing, and Maintenance of Standpipe and Hose Systems

Name of Property: _____ Inspector: _____

Address: _____ Contract No.: _____

Phone Number: _____ Date: _____

This Report Covers: Monthly Quarterly Annual
 Three-Year Five-Year

Inspections

Monthly

Control Valves

- Yes No N/A In the correct (open or closed) position
- Yes No N/A Sealed, locked, or supervised
- Yes No N/A Accessible
- Yes No N/A Free from damage or leaks
- Yes No N/A Proper signage
- Yes No N/A Dry pipe valve (automatic dry systems) exterior—free of damage, trim valves are in correct open or closed position, and intermediate chamber is not leaking
- Yes No N/A Deluge valve (semi-automatic dry system) exterior—free of damage, trim valves are in correct open or closed position, and intermediate chamber is not leaking
- Yes No N/A Gauges (semi-automatic and automatic dry systems) normal air and pressure maintained

Quarterly

- Yes No N/A Alarm devices—free of damage

Fire Department Connections

- Yes No N/A Visible and accessible
- Yes No N/A Couplings/swivels operate correctly
- Yes No N/A Plugs/caps are in place
- Yes No N/A Gaskets are not damaged
- Yes No N/A Identification signs are in place
- Yes No N/A Check valve is not leaking
- Yes No N/A Ball drip is functional
- Yes No N/A Hose connections—accessible, not leaking, valve and cap are in place and in good condition

Pressure Regulating Devices

- Yes No N/A Hand wheel is not broken or leaking
- Yes No N/A Hose threads are not damaged

Form 10

- Yes No N/A No leaks
- Yes No N/A Reducer and cap are intact

Hose Connections (Non-Pressure Regulating)

- Yes No N/A Hand wheel is not broken or missing
- Yes No N/A Hose threads are not damaged
- Yes No N/A No leaks
- Yes No N/A Reducer and cap are intact
- Yes No N/A Piping not damaged or leaking, pipe supports are intact

Annual

- Yes No N/A Dry pipe valve interior—following trip test
- Yes No N/A Deluge valve interior—following trip test
- Yes No N/A Hose—not damaged, couplings and gaskets in good condition and properly connected

Hose Cabinet

- Yes No N/A Visible and accessible
- Yes No N/A No damaged or corroded components
- Yes No N/A Lock (in break-glass type) is functional
- Yes No N/A Contents are present and accessible

Hose Storage Device

- Yes No N/A Visible and accessible
- Yes No N/A Not damaged and operates correctly
- Yes No N/A Hose is properly racked or rolled
- Yes No N/A If installed in cabinet—will swing out at least 90°

5-Year Obstruction Inspection Tests

Quarterly

- Yes No N/A Alarm devices—water motor gong
 - Yes No N/A Main drain test—if the sole supply is through a backflow preventer or pressure reducing valve
- Static psi: _____ Residual psi: _____
- Yes No N/A Do results differ by more than 10% from previous test?
 - Yes No N/A Priming water—test level
 - Yes No N/A Low air alarm—test per manufacturer’s instructions
 - Yes No N/A Quick opening device tested

Semi-annual

- Yes No N/A Supervisory switch functioning
- Yes No N/A Alarm devices—inspectors test or bypass opened/observed waterflow

Annual

- Yes No N/A Hose nozzle—per NFPA 1962
- Yes No N/A Hose storage device—per NFPA 1962
- Yes No N/A Hose—per NFPA 1962
- Static psi _____ Residual psi _____
- Yes No N/A Do results differ by more than 10% from previous test?
- Yes No N/A All control valves operated through full range of motion and returned to normal position.
- Dry pipe valve trip test (partial flow)
- Water pressure (psi) _____ Air pressure (psi) _____
- Tripping air pressure (psi) _____ Trip time (sec) _____
- Yes No N/A Results compared to previous test?
- Yes No N/A Deluge valve trip test (partial flow)
- Yes No N/A Pressure reading at deluge valve (psi) _____
- Yes No N/A Backflow preventer test
- Yes No N/A Backflow full flow test

Three-Year

- Yes No N/A Hose hydrostatically tested in accordance with NFPA 1962 (for hose older than 5 years)

Five-Year

- Yes No N/A Gauges tested or replaced
- Yes No N/A Master pressure reducing valve—flow test and comparable to previous test
- Yes No N/A Hydrostatic test (manual-dry only)
- Yes No N/A Flow test (automatic only)
- Static pressure (psi) _____
- Total flow (gpm) _____
- Pressure @ topmost outlet (psi) _____
- Yes No N/A Hose valves (non pressure reducing) flow test
- Yes No N/A Hose connection pressure reducing/restricting valves—flow test

Restricting Valves—Flow Test

		Static pressure		Flowing pressure		
Location/Floor	Model #	Inlet	Outlet	Inlet	Outlet	Flow (gpm)

Form 10

Maintenance

Yes No N/A Re-rack hose with folds in different position annually

Yes No N/A Drain water from all low point drains in dry systems prior to freezing temperatures

Comments

Signature: _____

Date: _____

License/Certification No.: _____