



HYPERSCALE FIRE

SPRINKLER SYSTEMS

Device	Frequency
<i>Inspection</i>	
Device	Inspection Frequency
Gauges (dry, preaction, deluge)	Weekly / monthly
Control valves	Weekly / monthly
Waterflow devices	Quarterly
Valve supervisory devices	Quarterly
Supervisory signal devices	Quarterly
Gauges (wet pipe)	Monthly
Hydraulic nameplate	Quarterly
Buildings	Annually (prior to freezing weather)
Hanger / seismic bracing	Annually
Pipe and fittings	Annually
Sprinklers	Annually
Spare sprinklers	Annually
Fire department connections	Quarterly
Obstruction	5 years
<i>Test</i>	
Waterfly devices	Quarterly / semiannually
Valves supervisory devices	Semiannually
Supervisory signal devices	Semiannually
Main drain	Annually
Antifreeze solution	Annually
Gauges	5 years
Sprinklers - extra high temp.	5 years
Sprinklers - fast response	At 20 years and every 10 thereafter
Sprinklers	At 50 years and every 10 thereafter
<i>Maintenance</i>	
Valves	Annually or as needed
Obstruction investigation	5 years or as needed
Low-point drains (dry pipe system)	Annually prior to freezing and as needed
<i>Investigation</i>	
Obstruction	As needed



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STANDPIPE AND HOSE SYSTEMS

Device	Frequency
<i>Inspection</i>	
Control valves	Weekly / monthly
Pressure regulating devices	Quarterly
Piping	Annually
Hose connections	Annually
Cabinet	Annually
Hose connections	Annually
Hose storage device	Annually
Hose nozzle	Annually and after each use
<i>Test</i>	
Waterflow devices	Quarterly / semiannually
Valve supervisory devices	Semiannually
Supervisory signal devices	Semiannually
Hose storage device	Annually
Hose storage device	5 years / 3 years
Pressure control valve	5 years
Pressure reducing valve	5 years
Hydrostatic test	5 years
Flow test	5 years
Main drain test	Annually
<i>Maintenance</i>	
Hose connections	Annually
Valves	Annually / as needed



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VALVES, VALVE COMPONENTS, AND TRIM

<u>Device</u>	<u>Frequency</u>
<i>Inspection</i>	
<u>Control Valves</u>	
Sealed	Weekly
Locked	Monthly
Tamper switches	Monthly
<u>Alarm Valves</u>	
Exterior	Monthly
Interior	5 years
Strainers, filters, orifices	5 years
<u>Preaction / Deluge Valves</u>	
Enclosure (during cold weather)	Daily / weekly
Exterior	Monthly
Interior	Annually / 5 years
Strainers, filters, orifices	5 years
<u>Dry Pipe Valves / Quick-Opening Devices</u>	
Enclosure (during cold weather)	Daily / weekly
Exterior	Monthly
Interior	Annually
Strainers, filters, orifices	5 years
<u>Pressure Reducing and Relief Valves</u>	
Sprinkler systems	Annually
Hose connections	Annually
Hose racks	Annually
Fire pumps	
Casing relief valves	Weekly
Pressure relief valves	Weekly
<u>Backflow Prevention Assemblies</u>	
Reduced pressure	Weekly / monthly
Reduced pressure detectors	Weekly / monthly
<u>Fire Department Connections</u>	
	Quarterly
<i>Test</i>	
<u>Main Drains</u>	
	Annually / quarterly
<u>Waterflow Alarms</u>	
	Quarterly / semiannually
<u>Control Valves</u>	
Position	Annually
<u>Operation</u>	Annually
Supervisory	Semiannually



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Preaction / Deluge Valves

Priming water	Quarterly
Low air pressure alarms	Quarterly
Full flow	Annually

Dry Pipe Valves / Quick-Opening Devices

Priming water	Quarterly
Low air pressure alarm	Quarterly
Quick-opening devices	Quarterly
Trip test	Annually
Full flow trip test	5 years

Pressure Reducing and Relief Valves

Sprinkler systems	5 years
Circulation relief	Annually
Pressure relief valves	Annually
Hose connections	5 years
Hose racks	5 years

<u>Backflow Prevention Assemblies</u>	Annually
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Maintenance

<u>Central Valves</u>	Annually
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<u>Preaction / Deluge Valves</u>	Annually
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<u>Dry Pipe Valves / Quick-Opening Devices</u>	Annually
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