



# FREDRIKSEN

## Fire Equipment Co.

### NFPA 25- Summary of Sprinkler System Inspection, Testing, and Maintenance

ITEM	ACTIVITY	FREQUENCY	REFERENCE
Gauges (dry, pre-action deluge systems)	Inspection	Weekly/monthly	2-2.4.2
Control Valves	Inspection	Weekly/Monthly	Table 9-1
Alarm devices	Inspection	Quarterly	2-2.6
Gauges (wet pipe systems)	Inspection	Monthly	2-2.4.1
Hydraulic nameplate	Inspection	Quarterly	2-2.7
Buildings	Inspection	Annually	2-2.5
		(prior to freezing weather)	
Hanger/seismic bracing	Inspection	Annually	2-2.3
Pipe and fittings	Inspection	Annually	2-2.2
Sprinklers	Inspection	Annually	2-2.1.1
Spare sprinklers	Inspection	Annually	2-2.1.3
Fire department connections	Inspection		Table 9-1
Valves (all types)	Inspection		Table 9-1
Alarm devices	Test	Quarterly	2-3.3
Main drain	Test	Quarterly	Table 9-1
Antifreeze solution	Test	Annually	2-3.4
Gauges	Test	5 years	2-3.2
Sprinklers- extra high temp	Test	5 years	2-3.1.1
			Exception # 3
Sprinklers- fast response	Test	At 20 years and every 10 years thereafter	2-3.1.1 Exception # 2
Sprinklers	Test	At 50 years and every 10 years thereafter	2-3.1.1
Valves (all types)	Maintenance	Annually or as needed	Table 9-1
Obstruction investigation	Maintenance	5 years or as needed	2-4.3



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### NFPA 25- Summary of Standpipe and Hose System Inspection, Testing, and Maintenance

<b>Components</b>	<b>Activity</b>	<b>Frequency</b>	<b>Reference</b>
Control valves	Inspection	Weekly/monthly	Table 9-1
Pressure regulating devices	Inspection	Quarterly	Table 9-1
Piping	Inspection	Quarterly	3-2.1
Hose connections	Inspection	Quarterly	Table 9-1
Cabinet	Inspection	Annually	NFPA 1962
Hose	Inspection	Annually	NFPA 1962
Hose storage device	Inspection	Annually	NFPA 1962
Alarm device	Test	Quarterly	Table 9-1
Hose nozzle	Test	Annually	NFPA 1962
Hose storage device	Test	Annually	NFPA 1962
Hose	Test	5 years/3 years	NFPA 1962
Pressure control valve	Test	5 years	Table 9-1
Pressure reducing valve	Test	5 years	Table 9-1
Hydrostatic test	Test	5 years	3-3.2
Flow test	Test	5 years	3-3.1
Main drain test	Test	Annually	Table 9-1
Hose connections	Maintenance	Annually	
Valves (all types)	Maintenance	Annually/as needed	Table 9-1



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### NFPA 13- Summary of Dry Sprinkler System Inspection, Testing, and Maintenance

<u>Parts</u>	<u>Activity</u>	<u>Frequency</u>
Flushing piping	Test	5 years
Fire Department Connection	Inspection	Monthly
Control valves	Inspection	Weekly- sealed
	Inspection	Monthly- locked
	Inspection	Monthly- tamper switch
Main drain	Flow test	Quarterly
Open sprinklers	Test	Annually
Pressure gauge	Calibration test	
Sprinklers	Test	50 years
Sprinklers- high temp	Test	5 years
Sprinklers- residential	Test	20 years
Waterflow alarms	Test	Quarterly
Pre-action/deluge detection system	Test	Semi-annually
Pre-action/deluge systems	Test	Annually
Antifreeze solution	Test	Annually
Cold weather valves	Open and close valves	Fall- close; Spring- open
Dry/Pre-action/deluge systems		
Air pressure and water pressure	Inspection	Weekly
Enclosure	Inspection	Daily- cold weather
Priming water level	Inspection	Quarterly
Low-point drains	Test	Annual- Fall
Dry pipe valves	Trip test	Annual- Spring
Dry pipe valves	Full flow trip	3 years- Spring
Quick-opening devices	Test	Semi-annually