

25-14 INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS

5.1.2 Valves and Connections. Valves and fire department connections shall be inspected, tested, and maintained in accordance with **Chapter 13**.

5.1.3 Obstruction Investigations. The procedures outlined in **Chapter 14** shall be followed where there is a need to conduct an obstruction investigation.

Table 5.1.1.2 Summary of Sprinkler System Inspection, Testing, and Maintenance

Item	Frequency	Reference
Inspection		
Gauges (dry, preaction, and deluge systems)	Weekly/monthly Quarterly	5.2.4.2, 5.2.4.3, 5.2.4.4
Control valves		Table 13.1.1.2
Waterflow alarm devices	Quarterly	5.2.5
Valve supervisory alarm devices	Quarterly	5.2.5
Supervisory signal devices (except valve supervisory switches)	Quarterly	5.2.5
Gauges (wet pipe systems)	Monthly Quarterly	5.2.4.1
Hydraulic nameplate	Quarterly	5.2.6
Buildings	Annually (prior to freezing weather)	4.1.1.1
Hanger/seismic bracing	Annually	5.2.3
Hanger/seismic bracing in accessible concealed spaces	5 years	5.2.3.3
Pipe and fittings	Annually	5.2.2
Pipe and fittings in accessible concealed spaces	5 years	5.2.2.3
Sprinklers	Annually	5.2.1
Sprinklers in accessible concealed spaces	5 years	5.2.1.1.6
Spare sprinklers	Annually Quarterly	5.2.1.4
Information sign	Annually	5.2.8
Fire department connections		Table 13.1.1.2
Valves (all types)		Table 13.1.1.2
Obstruction, internal inspection of piping	5 years	14.2
Test		
Waterflow alarm devices		
Mechanical devices	Quarterly Annually	5.3.3.1
Vane and pressure switch type devices	Semiannually Annually	5.3.3.2
Valves supervisory alarm devices		Table 13.1.1.2
Supervisory signal devices (except valve supervisory switches)		Table 13.1.1.2
Main drain		Table 13.1.1.2
Antifreeze solution	Annually	5.3.4
Gauges	5 years	5.3.2
Sprinklers — extra-high temperature	5 years	5.3.1.1.1.4
Sprinklers — fast-response	At 20 years and every 10 years thereafter	5.3.1.1.1.3
Sprinklers	At 50 years and every 10 years thereafter	5.3.1.1.1
Sprinklers	At 75 years and every 5 years thereafter	5.3.1.1.1.5
Sprinklers — dry	At 10 years and every 10 years thereafter	5.3.1.1.1.6
Maintenance		
Valves (all types)		Table 13.1
Low-point drains (dry pipe system)		13.4.4.3.2
Sprinklers and automatic spray nozzles protecting commercial cooking equipment and ventilation systems	Annually	5.4.1.9
Investigation		
Obstruction		14.3

5.1.4 Impairments. The procedures outlined in **Chapter 15** shall be followed where an impairment to protection occurs.

5.1.5 Notification to Supervisory Service. To avoid false alarms where a supervisory service is provided, the alarm receiving facility shall be notified by the property owner or designated representative as follows:

(1) Before conducting any test or procedure that could result in the activation of an alarm

(2) After such tests or procedures are concluded

5.1.6 Hose connections shall be inspected, tested, and maintained in accordance with **Chapters 6** and **13**.

NOTE: — Strikeout items are not applicable in California
Shaded (screened) items are California amendments