

Inspection and Testing Requirements for Fire Sprinkler Systems

[illegible]

	Obstruction Investigation						14.2.1	Systems shall be examined internally for obstructions where conditions exist that could cause obstructed piping. If the condition has not been corrected or the condition is one that could result in obstruction of piping despite any previous flushing procedures.
	Valves	Monthly	Quarterly	Semi-annual	Annual	Other		
	Inspection							
	Control Valves						13.3.2.1	All valves shall be inspected weekly.
	Alarm Valves						13.4.1.1	Alarm valves shall be externally inspected monthly.
	Check Valves						13.4.2.1	Valves shall be inspected internally every 5 years to verify that all components operate properly, move freely, and are in good condition.
	Preaction/Deluge Valves						13.4.3.1.7	The interior of the preaction or deluge valve and the condition of detection devices shall be inspected annually when the trip test is conducted.
	Dry Pipe Valves/Quick						13.4.4.1.5	The interior of the dry pipe valve shall be inspected annually when the trip test is conducted.
	Backflow Prevention Assemblies						13.6.2	All backflow preventers installed in fire protection system piping shall be tested annually...
	Testing							
	Main Drain						13.2.5	A main drain test shall be conducted quarterly at each water-based fire protection system riser to determine whether there has been a change in the condition of the water supply piping and control valves.
	Waterflow Alarm						13.2.6	All waterflow alarms shall be tested quarterly in accordance with the manufacturer's instructions.
	Control Valves						13.3.1	Each control valve shall be operated annually through its full range and returned to its normal position.
	Preaction/Deluge Valves						13.4.3	Each deluge or preaction valve shall be trip tested annually at full flow in warm weather and in accordance with the manufacturer's instructions.
	Dry Pipe Valves/Quick						13.4.4	Each dry pipe valve shall be trip tested annually during warm weather.
	Backflow Prevention Assemblies						13.6.2	All backflow preventers installed in fire protection system piping shall be tested annually...
	Maintenance							
	Control Valves						13.3.4.1	The operating stems of outside screw and yoke valves shall be lubricated annually.
	Preaction/Deluge Valves						13.4.3.3.2	During the annual trip test, the interior of the preaction or deluge valve shall be cleaned thoroughly and the parts replaced or repaired as necessary.
	Dry Pipe Valves/Quick Opening Devices						13.4.4.3.1	During the annual trip test, the interior of the dry pipe valve shall be cleaned thoroughly and parts replaced or repaired as necessary.