



NFPA 25 ITM Quick Reference Guide
Sprinkler Systems & Fire Pumps – Inspection, Testing, Maintenance

	DAILY/WEEKLY	MONTHLY	QUARTERLY*	ANNUALLY	3+ YEARS
INSPECTION	SPRINKLER SYSTEM				
	<ul style="list-style-type: none">Backflow prevention assemblies (reduced pressure and reduced pressure detector assemblies) 13.7.1Control valves; unsecured and unsupervised 13.3.2.1Dry pipe valves/ quick-opening devices; enclosure (during cold weather) 13.4.5.1.1Deluge valve; enclosure (during cold weather) 13.4.4.1.1Preamction valves; enclosure (during cold weather) 13.4.3.1.1	<ul style="list-style-type: none">Gauges (dry and preaction systems) 13.2.7.1.3Gauges; operable and not physically damaged 13.2.7.1.1Control valves; locked or supervised 13.3.2.1.1Dry pipe valves/ quick-opening devices; exterior 13.4.5.1.3Deluge valve; exterior 13.4.4.1.3Preamction valves; exterior 13.4.3.1.3	<ul style="list-style-type: none">Gauges (wet and deluge systems) 13.2.7.1.2Control valves; electronically supervised 13.3.2.1.2Supervisory signal devices (except valve supervisory switches) 5.2.4Valve supervisory signal devices 5.2.4Waterflow alarm devices 5.2.4Fire department connection 13.7.1Sprinkler pressure-reducing valves 13.5.1.1Valve supervisory signal initiating device (semiannually) 13.3.2.1.2Supervisory signal devices (except valve supervisory switches) 5.2.5Hose valves 13.6.1Alarm valves; exterior 13.4.1.1	<ul style="list-style-type: none">Hanger/braces/supports 5.2.3Hydraulic design information sign 5.2.5Information signs 5.2.7; 5.2.8Antifreeze information sign 5.2.9Pipe and fittings 5.2.2Sprinklers 5.2.1.1Sprinklers (spare) 5.2.1.4Dry pipe valves/quick-opening devices; interior 13.4.5.1.4Deluge valve; interior (annually or 5 years) 13.4.4.1.4Preamction valves; interior (annually or 5 years) 13.4.3.1.4Hose connection pressure-regulating devices 13.5.2.1Hose rack assembly pressure-regulating devices 13.5.3.1	5 YEARS <ul style="list-style-type: none">Check valves; interior 13.4.2.1Dry pipe valves/quick-opening devices; strainers, filters, orifices 13.4.5.1.5Deluge valve; strainers, filters, orifices 13.4.4.1.5Deluge valve; interior (annually or 5 years) 13.4.4.1.4Preamction valves; interior (annually or 5 years) 13.4.3.1.4Preamction valves; strainers, filters, orifices 13.4.3.1.5Alarm valves; interior 13.4.1.2Alarm valves; strainers, filters, orifices 13.4.1.2
	FIRE PUMPS				
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TESTING	SPRINKLER SYSTEM				
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	<ul style="list-style-type: none">Diesel engine–driven fire pump 8.3.1.1Electric motor–driven fire pump 8.3.1.2	<ul style="list-style-type: none">Electric motor–driven fire pump 8.3.1.2	<ul style="list-style-type: none">Fuel tank, float switch, and supervisory signal for interstitial space 8.1.1.2.7	<ul style="list-style-type: none">Diesel fuel testing 8.3.4.1Fire pump alarm signals 8.3.3.10Main relief valve 8.3.2.1.1Power transfer switch 8.3.3.9Pump performance (flow) 8.3.3.1Supervisory signal for high cooling water temperature 8.1.1.2.8	
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	FIRE PUMPS				
	Miscellaneous <ul style="list-style-type: none">Controller — ITM per manufacturer 8.5Diesel engine system — ITM per manufacturer 8.5Electric motor and power system — ITM per manufacturer 8.5			<ul style="list-style-type: none">Batteries 8.1.1.2.15Circulating water filter 8.1.1.2.20Control and power wiring connections 8.1.1.2.16Electrical connections 8.1.1.2.2Engine lubricating oil (or 50 operating hours) 8.1.1.2.17Engine oil filter (or 50 operating hours) 8.1.1.2.18Fuel tank — check for water & foreign materials 8.1.1.2.9Measure back pressure on engine turbo 8.1.1.2.14Sacrificial anode 8.1.1.2.19	

*Semiannually where indicated.

Visit the NFPA 25 document information page www.nfpa.org/25 for up-to-date information on NFPA® 25, *Standard on the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*.