

Inspection, Testing & Maintenance of Fire Protection Equipment			
	Activity	Frequency	Description
Sprinkler Systems			
Sprinkler control valves	Inspect	Weekly	Locked/supervised – monthly
	Test	Quarterly	Non-indicating - spring test (Paragon RE advice)
	Maintain	Annually	Fully close and reopen, lubricate, etc.
Pressure gauges	Inspect	Monthly	Record pressures
	Calibrate	5 year	
Main drain	Test	Annually	
Water storage tank	Inspect	Quarterly	Check water level monthly if not alarmed
Water supply evaluation	Flow test	5 year	
Backflow prevention assemblies	Flow test	Annually	Some quarterly per NFPA 25
	Inspect	Annually	
Sprinklers	Replace		Damaged or pre-1920 models
	Replace	Annually	Industrial cooking equipment
	Test/Replace	10 year	>50 yr., QR >20 yr., dry pendent >10 yr.
	Test/Replace	5 year	>75 yr., harsh environment
Water spray nozzles	Inspect	Monthly	
Heating systems (cold weather)	Inspect	Daily	For tanks, pump houses, dry pipe valve houses, etc.
Antifreeze	Test	Annually	Specific gravity
Dry, Preaction, and Deluge Systems			
Trip	Test	Annually	Full flow every 3rd year
Pressure gauges	Inspect	Weekly	Record monthly if DPV air pressure is supervised
Priming water	Test	Quarterly	
Dry Systems			
Flushing investigation	Test	5 year	At 15, 25, and 5 year intervals thereafter
Quick-opening devices	Test	Quarterly	
Winterize system	Maintenance	Annually	Cold weather precaution
Ice plug inspection	Maintenance	Annually	Cold storage & freezers
Alarm Systems			
Waterflow	Test	6 Month	*Other Clients, FM, may recommend/require quarterly
Other	Test	6 Month	
Detectors	Test	Annually	Check with OEM or NFPA 25 for specific advice
Batteries	Inspect	6 Month	Check with OEM or NFPA 25 for specific advice
Other audible & visual alarms	Test	6 Month	
Fire Pumps			
Automatic start	Test	Weekly	Via pressure drop
Pressure switch set points	Inspect/Test	Weekly	Record start pressure
Excessive vibration or noise	Inspect/Test	Weekly	
Suction & discharge pressure	Inspect/Test	Weekly	Record pressure
Packing temperature & tightness	Inspect/Test	Weekly	
Circulation relief valve	Inspect/Test	Weekly	
Suction supply & priming	Inspect	Weekly	
Performance test	Flow test	Annually	
Electric Driver (weekly: 10 min)			
Manual start	Test	Monthly	Exercise isolation switch & breaker
Diesel Engine Driver (weekly: 30 min)			
Fuel supply	Inspect	Weekly	
Engine oil level	Inspect/Test	Weekly	Record temperature, pressure
Ventilation	Inspect/Test	Weekly	
Batteries & charging system	Inspect/Test	Weekly	
Cooling system	Inspect/Test	Weekly	Record temperature
Speed governor	Inspect/Test	Weekly	Record rpm
Overpressure relief valve	Inspect/Test	Weekly	
Fire Doors & Dampers			
Fire doors	Inspect	Monthly	
	Test	Annually	
Fire dampers & shutters	Test	Annually	
Manual Fire Fighting			
Extinguisher	Inspect	Monthly	
	Recharge	1-5 year	Recharge, refer to NFPA 25 or OEM
	Hydrostatic	5-12 year	Refer to NFPA 25 or OEM
Standpipe	Test	5 year	Flow test on wet, hydrostatic on dry
Hose	Inspect	Quarterly	Check condition
	Test	3 year	After first 5 years
Hydrant	Inspect	Monthly	
	Maintenance	Annually	Flush

- For most clients, comprehensive annual servicing by a third party is recommended for Pumps; Diesel Drivers; Tanks; Preaction Valves; Foam Systems; Gaseous, Dry and Wet Chemical, or Water Mist Extinguishing Systems; and Fire Alarm Systems.
- Consult the OEM and/or NFPA 25 for detailed inspection, maintenance and testing requirements concerning all fire protection equipment.