

Fire Alarm System Maintenance & Inspection Compliance Timeline

Monthly Preventative Maintenance

Portable Fire Extinguishers	Ensure proper operating condition. Safety seals, tags, pressure gauge readings, HMIS Label	NFPA 10
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Quarterly Preventative Maintenance (Imperative in Healthcare, Education, and Hazardous Environments)

Sprinklers	<ul style="list-style-type: none"> Mechanical Water Flow Devices Valves, Valve Components Low Air Pressure Alarms Quick Opening Devices Priming Water 	NFPA 25
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Semi-Annual Preventative Maintenance

Hood Suppression Systems	All Kitchen Suppression Systems	NFPA 17A
Fire Alarm	Operation of Magnetic Door Locks	

Annual Preventative Maintenance

Automatic Fire Alarm Systems	<ul style="list-style-type: none"> Control Equipment: Building Systems Connected to Supervising Station Functions, Fuses, Interface Equipment, Lamps, LEDs, Primary (main) Power Supply, Transponders Batteries - Fire Alarm Systems Control Unit Trouble Signs Emergency Voice/Alarm Communications Equipment Remote Annunciators Initiating Devices Duct Smoke Detectors Electron Mechanical Releasing Devices Fire Extinguishing System(s) or Suppression System(s) Switches Fire Alarm Boxes (Pull Stations) Heat Detectors – Functional Fire - Gas and other detectors Interface Equipment Special Hazard Equipment Alarm Notification Devices Audible Devices Audible Textual Notification Appliances Visible Devices Supervising Station Fire Alarm System - Transmitters DACT, DART Special Procedures 	NFPA 72 ULC S536
Sprinklers	<ul style="list-style-type: none"> Main Drain Antifreeze Solutions Valves, Valve Components Pressure Reducing Valves/Relief Valves (part flow) Master Pressure Reducing Valves (full flow) Control Valves Dry System, Partial Trip Test Deluge, Preaction Full trip Test Air Maintenance Device Backflow Prevention Assemblies Full Forward Flow Test Strandpipe Main Drain Test Hose Valves Valves (all types) Private Fire Service Monitor Nozzles Hydrants Fire Pump System Full Flow Annual Maintenance 	NFPA 25
Fire Alarm	Conductivity test of all carbon dioxide hose assemblies. Ensure in proper operating condition. Safety seals, tags, pressure gauge reading, HMIS table. Empty and recharge all stored pressure loaded stream fire extinguishers.	NFPA 10

3 Year Maintenance

Automatic Fire Alarm Systems	Audibility Testing	
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5 Year Maintenance

Sprinklers	<ul style="list-style-type: none"> Gauges Sprinklers – Extra-high temperature/corrosive atmosphere Fire Department Connections Hydrostatic Test Siamese Connections, in some locations Standpipe – Full Flow Test Remote Point Hose Connection Pressure Reducing Valves (full flow) Hydrostatic Test Manual/Dry Standpipes 	NFPA 25
Standpipe Hoses	<ul style="list-style-type: none"> 5 Year test for new hoses and every 3 years thereafter Valves, Valve Components Pressure Reducing Valves/Relief Valves (full flow) Private Fire Service Full Flow Test 	
Portable Fire Extinguishers	<ul style="list-style-type: none"> Hydrostatic testing of carbon dioxide, wet chemical and foam Dry system air leakage Fire Extinguishers Hydrostatic testing of cartridges associated with portable fire extinguishers and wheeled units Hydrostatic testing of carbon dioxide hoses equipped with a shut-off valve 	

6 Year Maintenance

Portable Fire Extinguishers	Suggested Replacement Date	
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12 Year Maintenance

Portable Fire Extinguishers	Suggested Replacement Date	
Hood Suppression System	<ul style="list-style-type: none"> Hydrostatic Cylinder Replacement of cartridge Regulator Test Wet Chemical Containers Auxiliary Pressure Containers Hose Assemblies 	

10 Year Intervals

Sprinklers		NFPA 25
Dry Type	At 10 Years and every 10 Years Thereafter	
Quick response	At 20 Years and every 10 Years Thereafter	
Standard	At 50 Years and every 10 Years Thereafter	



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When Safety Matters, ThinkDSC.com

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