

Code Requirements For Visual Inspections

WEEKLY (owner's responsibility)		
Sprinklers	Gauges (dry, preaction, and deluge systems) Gauges (dry, preaction, and deluge systems) Control valves Valves, Valve Components, Trim Inspections Sealed Control valves Pressure Reducing and Relief Valves Pump house, heating ventilating louvers Fire pump system Casing relief Valves Pressure relief Valves Backflow Prevention Assemblies Reduced pressure Reduced pressure detectors Standpipe Fire Pump	NFPA 25
MONTHLY		
Portable Fire Extinguishers	Location pressure tamper indicator, hose/nozzle sign, hanger, hazard assessment, HMIS label Location in designated place No obstruction to access or visibility Operating instructions on nameplate legible and facing outward Safety seals and tamper indicators not broken or missing Fullness determined by weighing or "hefting" Examination for obvious physical damage, corrosion, leakage or clogged nozzle Pressure gauge reading or indicator in the operable range or position Condition of tires, wheels, carriage, hose, and nozzle checked (for wheeled units) HMIS label in place Control Equipment: Fire Alarm Systems Unmonitored*	NFPA 10
Automatic Fire Alarm	Control Equipment: Fire Alarm Systems Unmonitored*	NFPA 72
Sprinklers	Gauges (dry, preaction, and deluge systems) Control Valves Gauges (wet pipe system) Valves, Valves components, Trim Inspections Locked Control Valves Valve Supervisory Switches Tamper switches Exterior Alarm Valves Backflow Prevention Assemblies Reduced pressure Reduced pressure detectors Standpipe Functional Test Owner's Inspection	NFPA 25
Emergency Lights/Exit Signs Hood Suppression System		NFPA 101, 70 NFPA 17
QUARTERLY		
Automatic Fire Alarm	Control Equipment: Fire Alarm Systems Monitored* Fuses Interfaced equipment Lamps and LEDs Primary (main) power supply Control Equipment: Fire Alarm Systems Unmonitored* Radiant energy detectors Supervisory signal devices Waterflow devices	NFPA 72
Sprinklers	Alarm devices Fire department connections Pressure Reducing and Relief Valves Sprinkler systems Hose connections Hose racks Backflow Prevention Assemblies Fire Department Connections Standpipe Private Fire Service Maintenance	NFPA 25

SEMIANNUALLY		
Hood Suppression System	Suppression System Fusible Link Replacement	NFPA 96
Automatic Fire Alarm	Control Equipment Fire Alarm Systems Monitored Fuses Interfaced equipment Lamps and LEDs Primary (main) power supply Control Equipment: Fire Alarm Systems Unmonitored* Transient Suppressors Control Unit Trouble Signals Emergency Voice/Alarm Communications Equipment Remote Annunciators Batteries Nickel-Cadmium Sealed Lead-Acid Initiating Devices Air sampling smoke detectors Duck smoke detectors Electromechanical releasing devices Fire Extinguishing system(s) or suppression system(s) switches Fire alarm boxes (Pull Stations) Heat Detectors Smoke detectors Interface Equipment Alarm Notification Appliances – Supervised Supervising Station Fire Alarm Systems – Transmitters DACT Private Fire Service Maintenance	NFPA 17, 17A NFPA 72
Sprinklers		NFPA 25
ANNUALLY		
Hood Suppression System	Fusible Links Cartridge (Hydrostatic Test/Replacement) – PYROCHEM Replace rubber caps	NFPA 17, 17A
Portable Fire Extinguishers	All of monthly inspection, plus conductivity test (carbon dioxide), determination of 6 year or Hydrotest, inspection of shell and nameplate	NFPA 10
Sprinklers	Hanger/seismic bracing Pipe and fittings Spare sprinklers Fire Pump 90 Minute drain test and inspection of charge voltage, alignment of heads, hazard assessment, inspection sticker, required paperwork Battery powered systems	NFPA 25
Emergency Lights/Exit Signs		NFPA 101, 70
5-YEAR INTERVAL		
Sprinklers	Valves, Valve components, Trim Inspections Interior Alarm Valves Strainers, filters, orifices (Alarm Valves) Interior Check Valves Standpipe Private Fire Service Maintenance	NFPA 25
12-YEAR INTERVAL		
Hood Suppression System	Regulator Actuation Hose (Hydrostatic Test/Replacement) Tank Cylinder (Hydrostatic Test) Cartridge (Hydrostatic Test/Replacement) – ANSUL	NFPA 17, 17A

*Alarm, supervisory and trouble signals.

Confirm local requirements with your local Authority Having Jurisdiction (AHJ).



The Systems Group, Inc.

229 Franklin St Ocoee, Fl. 34761
 EF20000384 FP14207700012009 FED14-000071

1 877 432 6021

www.SystemsGrp.com

Code Requirements For Functional Testing

MONTHLY		
Automatic Fire Alarm System	Supervising Station Fire Alarm Systems – Receivers DACR, DARR Batteries – Fire Alarm Systems Load Voltage test primary type (Dry Cell) 30 Second quick check	NFPA 72
Emergency Lights		NFPA 101

QUARTERLY		
Automatic Fire Alarm System	Control Equipment: Building Systems Not Connected to a Supervising Station* Functions, Fuses, Interface Equipment, Lamps & LEDs, Primary (main) power supply, Transponders Batteries – Public Fire Alarm Reporting Systems Voltage test in accordance with Table 7-2.2 item (a) – (f) Sealed Lead-Acid – Discharge Test (2 Hours) Load Voltage Test (Sealed Lead-Acid, Nickel-Cadmium Type, Lead Acid type) Initiating Devices Supervisory signal devices (except valve supervisory switches) Off-Premises Transmission Equipment	NFPA 72
Sprinklers	Alarm Devices	NFPA 25

SEMIANNUALLY		
Hood Suppression System	Wet Chemical Systems	NFPA 17A
Automatic Fire Alarm Systems	Initiating Devices Radiant energy fire detectors Waterflow devices Valve Supervisory Switches Batteries – Fire Alarm Systems Sealed Lead-Acid – Load Voltage Test Alarm Devices	NFPA 72
Sprinklers		NFPA 25

ANNUALLY		
Hood Suppression System	Fixed Temperature Sensing	NFPA 17A
Automatic Fire Alarm System	Conductivity test of all carbon dioxide hose assemblies Empty and recharge all stored pressure-loaded stream fire extinguishers Control Equipment: Building Systems Connected to Supervising Station* Functions, Fuses, Interface Equipment, Lamps & LEDs Primary (main) power supply, Transponders Batteries – Public fire Alarm Systems Sealed Lead-Acid Type 1. Charger Test (5 years from date of manufacture) 2. Discharge Test (30 minutes) Control Unit Trouble Signs Emergency Voice/Alarm Communications Equipment Remote Annunciators Initiating Devices Duct smoke detectors Electromechanical releasing devices Fire extinguishing system(s) or suppression system(s) switches Fire alarm boxes (Pull Stations) Heat detectors All smoke detectors – Functional Fire, Gas and other detectors Interface Equipment Special Hazard Equipment Alarm Notification Devices Audible Devices Audible Notification Appliances Visible Devices Supervisory Station Fire Alarm Systems – Transmitters DACT, DART Special Procedures Main Drain Antifreeze solution	NFPA 72
Sprinklers		NFPA 25

5-YEAR INTERVAL		
Portable Fire Extinguishers	Hydrostatic testing of carbon dioxide and foam 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 Gauges Sprinklers – extra-high temperature	NFPA 10
Sprinklers		NFPA 25

12-YEAR INTERVAL		
Portable Fire Extinguishers	Hydrotest of dry chemical extinguishers	NFPA 10
Hood Suppressions System	Hydrotest of dry chemical hose equipped with a shut-off valve Hydrostatic testing Cylinder Replacement of cartridge Regulator Test Wet chemical containers Auxiliary pressure containers Hose assemblies At 10 years and every 10 years thereafter At 50 years and every 10 years thereafter	NFPA 17A
Sprinklers		NFPA 25

*Alarm, supervisory and trouble signals.

Confirm local requirements with your local Authority Having Jurisdiction (AHJ).



The Systems Group, Inc.

229 Franklin St. Ocoee, FL 34761
 EF20000384 FP14207700012009 FED14-000071

1 877 432 6021

www.SystemsGrp.com