

APPENDIX A

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Fire Protection Systems Inspection, testing, & Maintenance Frequencies

Item	Insp	Test	Maint
Fire Alarm Control Panels			
Lamps		Y	
Fuses	Y		
Zone Disconnect Switches		Y	
Audible & Visual Trouble Indicators		Y	
Ground Faults		Y	
Circuit Interface		?	
Input Devices			
Heat Detectors- nonrestorable		72E	
restorable		72E	
Smoke Detectors		72E	
Fire/Flame Detectors		72E	
Water Flow Alarm		2 M	
Initiating Switches		72	
Manual Stations		6 M	
Preaction/Deluge Detection Systems		?	
Extinguishing System Alarm Switches		?	
Output Devices			
Alarm Indicating Appliances		6 M	
Annunciators		Y	
Auxiliary Function Circuits		?	
Electric Thermal Links		10 Y	
Speakers		A	

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Fire Protection Systems Inspection, testing, & Maintenance
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Item	Insp	Test	Maint
Supervisory Devices			
Tamper Switches		6M	
Hi/Lo Pressure Switches		6M	
Hi/Lo Temperature Switches		6M	
Hi/Lo Level Switches		6M	
Batteries			
Lead Acid			
Open Circuit Voltage		Y	
Full Voltage Load		Y	
Replace			4Y
Ni - Cad			
Open Circuit Voltage	3M		
Full Voltage Load		Y	
Replace			as needed
Gel - Cell			
Full Voltage Load		Y	
Full Voltage Load		Y	
Replace			as needed
Fire Service Communications Center			
Communications Center/Station		72	
Dispatch System		D	

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Fire Protection Systems Inspection, testing, & Maintenance
Frequencies

Item	Insp	Test	Maint
Sprinkler/Water Spray Systems			
Sprinkler Main Drain		3 M	
Calibration Check of Gauges		5 Y	
Sprinkler Heads - Normal Temperature		50 Y	
Sprinkler Heads - High Temperature		5 Y	
Open Sprinkler Heads		Y?	
Flush Piping		5 Y	
Check Anti-freeze Solutions		Y	
Deluge, Pre-Action, Dry-Pipe Systems			
Full Flow of Dry Pipe Systems		3 Y	
Full Test of Pre-Action & Deluge Systems		Y	
Quick Opening Devices		6 M	
Pre-Action/Deluge Detection Systems		6 M	
Air, Water Pressure		W	
Riser Enclosures Subject to Freezing		D	
Priming Water Level		3 M	
Low Point Drains		Fall	
Water Spray Fixed Systems		?	

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Fire Protection Systems Inspection, testing, & Maintenance Frequencies

Item	Insp	Test	Maint
Halon Systems		Y	
Determine Quantity	6 M		
Inspect Bottles	6 Y		
Carbon Dioxide Systems		Y	
Determine Quantity	6 M		
Hydrostatic Test of High Pres. Bottles		5 Y	
Low Expansion Foam Systems		?	
Control Valves			Y
Sealed	W		
Locked or Supervised	M		
Post Indicator Valves & Roadway Valve Boxes		3 M	
Gravity, Pressure, or Suction Tanks			
Water Level	M		
Condition of Exterior of Tank		?	
Condition of Interior of Gravity Tank		?	
Condition of Interior of Suction or Pressure Tk		?	
Hose/Hose Stations			
Station			
Hose			
Fire Department Connections	M		
Fire Hydrants	M		6 M
Open/Close		Y	

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**Fire Protection Systems Inspection, testing, & Maintenance
Frequencies**

Item	Insp	Test	Maint
Fire Pumps			
Operate Engine Drive		W	
Operate Motor Drive		M	
Operate Steam Drive		W	
Flow (all)		Y	
Hydrostatically Test Dry Standpipe		5Y	
Fire Dampers		Y	
Fire & Smoke Barriers	Y		
Fire Doors	M		
Portable Fire Extinguishers			
All	M		
Maintenance			
Water Based			
CO2			
Halon (replace)			
Dry Chemical/Power			
Hydrostatically Test			
Water Based		5Y	
CO2		5Y	
Halon (replace)		12Y	
Dry Chemical/Power		12Y	
Emergency Lights & Exit Signs		Y	
Check	M		