



# Commercial Fire Protection

## TESTING FREQUENCIES

<u>Component</u>	<u>Initial / Reacceptance</u>	<u>Monthly</u>	<u>Quarterly</u>	<u>Semiannually</u>	<u>Annually</u>
<u>1. Control Equipment - Building Systems Connected to Supervising Station</u>					
Functions	x				x
Fuses	x				x
Interfaced equipment	x				x
Lamps and LEDs	x				x
Primary power supply	x				x
Transponders	x				x
<u>2. Control Equipment - Building Systems Not Connected to a Supervising Station</u>					
Functions	x		x		
Fuses	x		x		
Interfaced equipment	x		x		
Lamps and LEDs	x		x		
Primary power supply	x		x		
Transponders	x		x		
<u>3. Engine-Driven Generator - Central Station Facilities and Fire Alarm Systems</u>					
	x	x			
<u>4. Engine-Driven Generator Public Fire Alarm Reporting Systems</u>					
					x (weekly)
<u>5. Batteries - Central Station Facilities</u>					
Lead-acid type					
Charger test	x				x
Discharge test	x	x			
Load voltage test	x	x			
Specific gravity	x			x	
Nickel-cadmium type					
Charger test	x		x		
Discharge test	x				x
Load voltage test	x				x
Sealed lead-acid type					
Charger test		x	x		
Discharge test	x	x			
Load voltage test	x	x			
<u>6. Batteries - Fire Alarm Systems</u>					
Lead-acid type					
Charger test	x				x
Discharge test	x			x	
Load voltage test	x			x	
Specific gravity	x			x	
Nickel-cadmium type					
Charger test	x				x
Load voltage test	x			x	



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Primary type					
Age test	x	x			
Sealed lead-acid type					
Charger test	x				x
Discharge test	x				x
Load voltage test	x			x	
<b><u>7. Power Supply - Public Fire Alarm Reporting Systems</u></b>					
Lead-acid type batteries					
Charger test	x				x
Discharge test	x		x		
Load voltage test	x		x		
Specific gravity	x			x	
Nickel-cadmium type batteries					
Charger test	x				x
Discharge test	x				x
Load voltage test	x		x		
Sealed lead-acid type batteries					
Charger test	x				x
Discharge test	x				x
Load voltage test	x		x		
Wired system - voltage tests	x (daily)				
<b><u>8. Fiber-Optic Cable Power</u></b>					
	x				x
<b><u>9. Control Unit Trouble Signals</u></b>					
	x				x
<b><u>10. Conductors - Metallic</u></b>					
	x				
<b><u>11. Conductors - Nonmetallic</u></b>					
	x				
<b><u>12. Emergency Voice / Alarm Communications Equipment</u></b>					
	x				x
<b><u>13. Retransmission Equipment</u></b>					
	x				
<b><u>14. Remote Annunciators</u></b>					
	x				x
<b><u>15. Initiating Devices</u></b>					
Duct detectors	x				x
Electromechanical releasing device	x				x
Fire-extinguishing system	x				x
Suppression system switches	x				x
Fire - gas and other detectors	x				x
Heat detectors	x				x
Fire alarm boxes	x				x
Radiant energy fire detectors	x			x	
System smoke detectors - functional test	x				x
Single- and multiple- station smoke alarms	x				x



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Single- and multiple- station heat alarms	x				x
Supervisory signal devices	x		x		
Waterflow devices	x			x	
Valve supervisory switches	x			x	
<u>16. Guard's Tour Equipment</u>	x				x
<u>17. Combination Systems</u>					
Fire extinguisher monitoring device/systems	x				x
Carbon monoxide detectors / systems	x				x
<u>18. Interface Equipment and Fire Safety Functions</u>	x				x
<u>19. Special Hazard Equipment</u>	x				x
<u>20. Alarm Notification Appliances</u>					
Audible devices	x				x
Audible textual notification appliances	x				x
Visible devices	x				x
<u>21. Exit Marking Notification Appliances</u>	x				x
<u>22. Off-Premises Transmission Equipment</u>	x		x		
<u>23. Supervising Station Fire Alarm Systems</u>					
DACT	x				x
DART	x				x
McCulloh	x				x
RAT	x				x
<u>24. Special Procedures</u>	x				x
<u>25. Supervising Station Fire Alarm Systems</u>					
DACR	x	x			
DARR	x	x			
McCulloh systems	x	x			
Two-way RF multiplex	x	x			
RASSR	x	x			
RARSR	x	x			
Private microwave	x	x			
<u>26. Public Fire Alarm Reporting System Transmission Equipment</u>					
Publicly accessible fire alarm box	x			x	
Auxiliary box	x				x
Master box					
Manual operation	x			x	
Auxiliary operation	x				x