

**Reference Guide for Building Operation, Maintenance & Recordkeeping  
(Fire Safety Director Continuing Education)**

**Graduation Test**

**Reference Guide Defining Individuals Qualified as to whom can Perform  
Inspection, Testing and Maintenance for Fire Alarm System & Other  
Related Systems**

<b>S-95 C of F</b>	<b>S-95 - Supervision for Fire alarm Systems &amp; other related systems</b>
<b>W-26 C of F</b>	<b>W-26 - Maintenance and Testing Of Smoke Detectors City Wide</b> to the equipment manufacturer's published instructions
<sup>1</sup> After initial acceptance and reacceptance functionally tested. <sup>2</sup> The visual inspection shall be made to ensure that there are no changes that affect equipment performance. <sup>3</sup> Must be performed by an Authorized Technician.	

<b>Components</b>		<b>May be performed by</b>
		<b>S-95 C of F</b>
<b>I. VISUAL INSPECTION<sup>2</sup></b>		
<b>Frequency<sup>1</sup></b>		<b>WEEKLY (52)<sup>1</sup></b>
Control equipment: Fire Alarm Systems <b>Unmonitored</b> for Alarm supervisory and Trouble Signals	Fuses	<b>Yes</b>
	Interfaced equipment	
	Lamps and LEDs	
	Primary (main) power supply	
Batteries	Lead-acid	<b>Yes</b>
	Nickel-cadmium	
	Primary (dry cell)	
	Sealed Lead-acid	
<b>MONTHLY (12)<sup>1</sup></b>		
Batteries	Lead-acid	<b>Yes</b>
	Primary (dry cell)	
<b>QUARTERLY (4)<sup>1</sup></b>		
Supervisory signal and waterflow initiating devices		<b>Yes</b>
Other Initiating devices	Radiant energy fire detectors	<b>Yes</b>
	Supervisory signal devices	
	Waterflow devices	
<b>SEMIANNUALLY (2)<sup>1</sup></b>		
Batteries	Nickel-cadmium	<b>Yes</b>
	Sealed lead-acid	
Emergency voice alarm communications equipment		
Remote annunciators		
Alarm Notification appliance	Supervised	<b>Yes</b>
Interface equipment		
Central station transmitters		
Other Initiating devices	Air sampling	<b>Yes</b>
	Duct detectors	
	Electromechanical releasing devices	
	Fire extinguishing system(s) or suppression system(s) switches	
	Fire alarm boxes	
	Smoke detectors (excluding one- and two-family dwellings)	
<b>ANNUALLY (1)<sup>1</sup></b>		

Control equipment: Fire Alarm Systems <b>Monitored</b> for Alarm supervisory and Trouble Signals		Fuses	<b>Yes</b>
		Interfaced equipment	
		Lamps and LEDs	
		Primary (main power supply)	
<b>II. TEST<sup>3</sup></b>			
<b>Frequency<sup>1</sup></b>		<b>MONTHLY (12)<sup>1</sup></b>	
Engine-Driven Generator — Central Station Facilities and Fire Alarm Systems			<b>Yes<sup>3</sup></b>
Batteries — Fire Alarm Systems	Primary type (dry cell) - Age test		<b>Yes<sup>3</sup></b>
<b>QUARTERLY (4)<sup>1</sup></b>			
Control Equipment — Building Systems Not Connected to a Supervising Station	Functions		<b>Yes<sup>3</sup></b>
	Fuses		
	Interfaced equipment		
	Lamps and LEDs		
	Primary (main) power supply		
Transponders			
Initiating Devices	Supervisory signal devices (except valve tamper switches)		
<b>SEMIANNUALLY (2)<sup>1</sup></b>			
Batteries — Fire Alarm Systems	Lead-acid type	Discharge test (30 minutes)	<b>Yes<sup>3</sup></b>
		Load voltage test	
		Specific gravity	
	Nickel-cadmium type	Load voltage test	
	Charger test (Replace battery within 5 years after manufacture or more frequently as needed.)	Load voltage test	
Initiating Devices	Radiant energy fire detectors		<b>Yes<sup>3</sup></b>
	Waterflow devices		
	Valve supervisory switches		
<b>ANNUALLY (1)<sup>1</sup></b>			
Batteries — Fire Alarm Systems	Lead-acid type	Charger test (Replace battery as needed.)	<b>Yes<sup>3</sup></b>
		Nickel-cadmium type	
		Discharge test (30 minutes)	
	Sealed lead-acid type	Charger test (Replace battery within 5 years after manufacture or more frequently as needed.)	
		Discharge test (30 minutes)	
Control Equipment — Building Systems Connected to Supervising Station	Functions		<b>Yes<sup>3</sup></b>
	Fuses		
	Interfaced equipment		
	Lamps and LEDs		
	Primary (main) power supply		
Transponders			
Emergency Voice/Alarm Communications Equipment			<b>Yes<sup>3</sup></b>
Remote Annunciators			<b>Yes<sup>3</sup></b>
Initiating Devices	Duct detectors		<b>Yes<sup>3</sup></b>
	Electromechanical releasing device		
	Fire extinguishing system(s) or suppression system(s) switches		
	Fire-gas and other detectors		
	Heat detectors		
	Fire alarm boxes		
	System smoke detectors — functional test		

	Smoke detectors — sensitivity testing in other than one- and two-family dwellings	
	Single- and multiple-station smoke alarms	
	Single- and multiple-station heat alarms	
Alarm Notification Appliances	Audible devices	<b>Yes<sup>3</sup></b>
	Audible textual notification appliances	
	Visible devices	
Central Station Transmitters		<b>Yes<sup>3</sup></b>