

#### **General Information**

Date:	Inspector:		System	:
Location:				
General				
	n:			
Building:				
Location of contro	l valve:			
	nodified since last inspection? tected?	Yes	No	
Valves				
How are valves sup		Sealed	Locked	Tamper switch
Are valves identifie	ed with signs?	Yes	No	
Water Supply				
	er supply test made?ks, or pressure tanks in good condi		No	
Dumns		_		
Pumps Is fire pump		Diesel	Electric	Gasoline None
• •	st inspected?	ысзет		
Is pump in good co		Yes	No	
Fire Department C Location	onnections			
Are identification s	igns provided?	Yes	□No	
Operating Instruct	ions			
Are operating instr	uctions posted?	Yes	□No	
Comments:				

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#### **Weekly Inspection**

Year:	_System:
Location:	

- 1. Date of inspection
- 2. Inspector's name or badge number
- 3. If valves are sealed, note "yes" in this block. If any are not sealed, reseal and note "resealed" in this block
- 4. Ensure valve enclosure is maintained above 40°F(4.4°C)
- 5. Record any comments about the system that the inspector believes to be significant. Continue on reverse if necessary

Y=Satisfactory N=Unsatisfactory (explain below) N/A=Not applicable

Date	Inspector	Valves Sealed	Valve Enclosure Heated	Comments
Date	Пізрестої	vaives sealed	ricateu	Comments
		1		1

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# **Monthly Inspection**

Year:		System:			
Location	:				
<ol> <li>Inspendent</li> <li>If valve</li> <li>Inspendent</li> <li>Record</li> <li>Record</li> </ol>	ct ultra high speed water d water pressure readin d any comments about t	e "yes" in this block. If valv r spray system detectors fo gs in psi (bar). A loss of mo the system that the inspec	or physical damage ore than 10 percent shou tor believes to be signific	ld be investigated. ant.	
<b>Y</b> =Satista	actory <b>N</b> =Uns	satisfactory (explain be	Ultra High	=Not applicable	1
Date	Inspector	Valves Open	Speed Water Spray System	Water Pressure	Comments
Commer	nts				
				<del></del>	

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## **Quarterly Inspection**

Year:System:		
Location:		
Y=Satisfactory N=Unsatisfactory (explain below) N/A=Not Applicable	e	
Date		
Inspector		_
Main Drain Test (where water supply is through backflow preventer or pressure reducing value)		
Record the static water supply pressure in psi (bar) as indicated on the lower pressure gauge. Open the main drain and allow water flow to stabilize.		
Record the residual water supply pressure while water is flowing from the main drain as indicated on the lower pressure gauge in psi (bar). Close the main drain (slowly).		
Fire Department Connections		
Verify connection is visible and accessible, not damaged, caps or plugs are in place, identification sign is in place, and automatic drain is working properly		
Piping		
Inspect piping for mechanical damage, leaks, corrosion, misalignment, and that piping is not subject to external loads		
Hangers		
Inspect Hangers for damage and corrosion		
Gauges		
Inspect gauges and record water pressures		
Comments		
Record any comments about the system that the inspector believes to be significant. Place a		
number in this block and number the corresponding note below	<u>                                     </u>	
Comments		
comments		 _
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		 _
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		_
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		 _
		 _

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## **Annual Inspection, Test, and Maintenance**

Year:System:		
Location:		
Y=Satisfactory N=Unsatisfactory (explain below) N/A=Not Applicable		
Date		
Inspector		
Spray Nozzles		
Note condition of all nozzles. If there is no physical damage, no corrosion, and no obstructions, note		
"OK" in block. If not, ensure corrections are made and briefly describe under "comments."	1	
Pipe Hangers		
Note all pipe hangers. If there is no damage and corrosion, note "OK" in block. If not, ensure		
corrections are made and briefly describe under "comments."	1	
Gauges		
Note condition of gauges. Record water pressure in psi (bar)		
Flow Test		
Conduct full flow test. Ensure system operates properly and record operation time		
Discharge Pattern		
Note water spray coverage. If coverage is adequate, note "OK" in block. If not, ensure		
corrections are made and briefly describe under "comments"	1	
Deluge Valve		
Internally inspect deluge or Preaction valve. Verify that all components operate properly, move freely, and are in good condition. If so, note "OK" in block. If not, ensure corrections	1	
are made and briefly describe under "comments."	1	
Control Valves		
Operate each control valve through its full range and return to its normal position. (Reseal or		
relock if appropriate.) if valve operates properly, note "OK" in block. If not, ensure valve is repaired and briefly describe under "comments"	1	
Lubricate Control Valves		
Lubricate all valve stems with graphite or graphite in oil		
Flush Underground		
Underground lead-in connections should be thoroughly flushed to ensure that there is no	1	
debris in the water supply that might block the water spray nozzles. Note "OK" in the block if	1	
the water flows clear. If the water is particularly dirty, place a number in this block and a	1	
corresponding note at the end of he inspection from describing the conditions and how they	1	
were resolved Clean Strainers		
Clean all strainers. If strainers are in good condition, note "OK" in this block. If there are any	1	
problems noted with the strainer, place a number in this block with a corresponding note at the end of the inspection form	1	
Maintain Fire Detection System		
Manual Activation	1	
Test the manual activation device		
Main Drain Test		
Record the static water supply pressure in psi (bar)		
Open the main drain and allow the water flow to stabilize		

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## Annual Inspection, Test, and Maintenance (Cont.)

Record the residual water pressure in psi (bar) while water is flowing from the in. (51 mm) main drain
Close the main drain
Compare the results of this year's test with previous years' results to determine if the water supply is
deteriorating
Low Temperature Alarm
Test the low temperature alarm before freezing weather
Backflow Prevention Assembly
Test the backflow prevention device according to the manufacturer's recommendation
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Commonts
Comments
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#### **5-Year Inspection and Test**

Year:	System:		-
Location:			
	<b>N</b> =Unsatisfactory (explain below)	<b>N/A</b> =Not Applicable	
Date			
Inspector			
Check Valves			
	pect all check valves. Verify that all component ood condition	s operate properly, move freely,	
Comment			
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