

General Information

Date:	Inspector:		System	:	
Location:					
General					
System designation	n:				
Building:					
	er valve:				
Type of Sprinkler sy	ystem	Wet	Dry	Deluge	Preaction
Make and model o	f sprinkler valve	·			
Is building fully spri	inklered?	Yes	□No		
Is entire sprinkler s		Yes	No		
Has sprinkler syste	m been modified since last inspectio	n? Yes	No		
Valves					
How are valves sup		Sealed	Locked	Tamper sw	vitch .
Are valves identifie	ed with signs?	Yes	No		
Water Supply					
	er supply test made?	<u></u>			
Are reservoirs, tanl	ks, or pressure tanks in good condition	on? Yes	No		
Pumps				_	_
Is fire pump		Diesel	Electric	Gasoline	None
	st inspected?				
Is pump in good co	ndition?	Yes	No		
Fire Department C Location					
Are identification s		Yes	No		
Wet Systems			_		
Is building adequat	ely heated?	Yes	LI _{No}		
ls system hydraulic	ally calculated?	Yes	□No		
If yes, is hydraulic i	nformation sign provided at valve?	Yes	□No		
Dry Systems					
Is dry pipe valve in	heated room?	Yes	□No		
Does heated room	have low temperature alarm?	Yes	□No		
Comments:					

Ref No: ASS/GI/17/SSCL/01

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
- 3-5. Record pressure readings in psi (bar). A loss of more than 10 percent should be investigated.
- 6. Record any comments about the system that the inspector believes to be significant. Place a number in this box and number the corresponding note on the reverse side

			Dry Pi	oe Valve	Preaction Valve			
		Valves	Air	Water	Air	Water	Deluge Valve Water	
Date	Inspector	Sealed	Press.	Press.	Press.	Press.	Pressure	Comments

Ref No: ASS/WI/17/SSCL/01



Monthly Inspection

Year:		System:			
Location	າ:				
 Insp Confinote Insp dam Recc Recc 	e "relocked" in this lect alarm valves to age. Confirm that to brd pressure reading ord any notes abou	n. If valves are locked, not	e from retard change te closed or oper re than 10 percer ector believes to	mber or alarm drain n position. nt should be investig	ns and no physica
ate	Inspector	Valves Open, Locked, or Tamper	Alarm Valves	Water Pressure	Comments
Comme	nts				
					-

Ref No: ASS/MI/17/SSCL/01

Quarterly Inspection and Tests

Y=Satisfactory N=Unsatisfactory (explain below) N/A=Not Applicable Date Inspector (name or badge number) 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 man 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 Wet Pipe System Flow Alarm Test water flow alarms by opening the inspector's test valve. (Notify alarm company to avoid false alarms) Water Flow Alarm Test mechanical water flow devices (e.g., water motor gongs) Dry Pipe Priming Level
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Test mechanical water flow devices (e.g., water motor gongs)
Dry Pipe Priming Level
Check dry priming water level by opening the test valve and checking for a small amount of water to discharge. If no water flows out of that test line, add riming water.
Dry Pipe System Low Air Pressure Alarm
Close the water supply valve and open inspector's test valve to reduce air pressure. (Do not
reduce air pressure sufficiently to trip the dry pipe valve.) Confirm operation of low pressure
alarm, record air pressure at which low pressure alarm activated, close inspector test, allow
air pressure to rise to normal, then open water supply valve.
Dry Pipe System Flow Alarm
Open the alarm bypass valve. (Notify alarm company to avoid false alarms)
Quick-Opening Device
Test in accordance with manufacturer's instructions.
Preaction System Flow Alarm
Open the alarm bypass valve. (Notify alarm company to avoid false alarms)
Deluge System Flow Alarm
Open the alarm bypass valve. (Notify alarm company to avoid false alarms)
Control valves
Close valves and reopen until spring or tension is felt-back valve one quarter turn
Hydraulic Nameplate
If system was hydraulically calculated, assure nameplate is legible and securely attached to riser
Comments
Record any notes about the system that the inspector believes to be significant. Place a
number in this block and number the corresponding note on the reverse of this form Ref No: ASS/QIT/17/SSCL/01



Semi-Annual Inspection and Tests

Year:System:	
Location:	
Y=Satisfactory N=Unsatisfactory (explain below) N/A=Not Applicable	
Date	
Inspector (name or badge number)	
Cold Weather Valves	
Cold weather valve, if used, should be closed before freezing weather, and piping drained. Valve should be opened in spring. Use "O" for open and "C" for closed.	
Dry Pipe Systems	
Test quick-opening devices and accelerators, if provided.	
Low point drains should be drained thoroughly before cold weather and after any system trip	
Deluge System	
Test fire detection system for proper operation	
Preaction System	
Test fire detection system for proper operation.	
Comments	
Record any notes about the system that the inspector believes to be significant.	
Place a number in this block and number the corresponding comment below	
Comments	
	

Annual Inspection and Tests

Year:	System:	
Location:		
Y =Satisfactory	N =Unsatisfactory (explain below) N/A =Not Applicable	
Date		
Inspector (nan	ne or badge number)	
General Condi		
conditio		
Verify su	upply of spare sprinklers	
Freezing		
	freezing weather, inspect building to ensure exterior wall openings will not expose er piping to freezing temperatures	
Test Antifreez	e	
	be systems with antifreeze solution should have the solution checked for proper freeze ecord freezing point	
Maintain Valve	es	
Valves s	should be maintained, including exercising each valve and lubricating each valve stem	
Clean Strainer	'S	
Shut the	e water supply valve and remove the strainer for thorough cleaning	
Main Drain Te	st	
	the static water supply pressure in psi (bar) as indicated on the lower pressure gauge. ne main drain and allow water flow to stabilize	
	the static water supply pressure while water is flowing from the main drain as ed on the lower pressure gauge in psi (bar). Close the main drain (slowly)	
Dry Pipe Syste	em	
Trip test valve trip	the dry pipe valve. Record the time from opening the inspector's test valve until the dry pipe ps	
Internall	y inspect dry pipe valve	
Test air p	pressure maintenance device	
Inspect/t	test low temperature alarm in valve room (if provided)	
Preaction Spri	nkler System	
Trip test	the Preaction system (refer to manufacturer's instructions)	
Internall	y inspect Preaction valve	
Test auto	omatic air pressure maintenance device (if provided) at time of trip test	
Inspect/t	test low temperature alarm in valve room (if provided)	
Deluge Sprinkl		
Trip test	the deluge system. (refer to manufacturer's instructions)	

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Record time from activation of detector until water is discharged

Record water pressure at hydraulically most remote sprinkler

Check to see that water discharge pattern is adequate

Record water pressure at deluge valve

Internally inspect deluge valve

Annual Inspection and Tests (Cont.)

Inspect/test low temperature alarm (if provided)	
Cooking Equipment Sprinklers	
Replace sprinklers with fusible links	
Record water pressure at deluge valve	
Internally inspect deluge valve	
Inspect/test low temperature alarm (if provided)	
Cooking Equipment Sprinklers	
Replace sprinklers with fusible links	
Comments	

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5-Year Inspection

Year:	System:									
Location:										
Y=Satisfactory N	=Unsatisfacto	ory (expl	ain belov	w)	N/A	A =Not A	Applicat	ole		
Alarm Valve Internal In	spection									
Verify that all comp	onents operate	properly,	move free	ely, and ar	e in good	condition	١			
Check Valve Internal In										
Verify that all comp	onents operate	properly,	move free	ely, and ar	e in good	condition	l			
Year	5	10	15	20	25	30	35	40	45	50
Obstruction Investigation	on (every 5 y	ears or a	s neede	d)						
Inspector										
Date										
Comments										
Calibrate Pressure Gaug	ges									
Inspector										
Date										
Comments										
Comment										

Ref No: ASS/5YI/17/SSCL/01