



Lompoc Fire Department
115 South G Street
Lompoc, CA 93436
(805) 736.4513

AUTOMATIC EXTINGUISHING SYSTEMS

AUTOMATIC EXTINGUISHING SYSTEM PROGRAM

References Cited From
California Health and Safety Code &
California Code of Regulations, Title 19

Inspection Testing and Maintenance

General Purpose:

The purpose of inspections, testing and maintenance of automatic extinguishing systems, as required within NFPA 25 is to make certain that the operational status is maintained for water based fire protection systems. History has shown that sprinkler systems perform very well when comprehensive inspection, testing and maintenance procedures are observed. It is the intent of Title 19 of the California Code of Regulations and NFPA 25 to provide specific procedures to ensure that these systems are maintained.

The State Fire Marshal's Office has developed standard forms and checklists to assist the owner and the licensed professional in performing and documenting inspection, testing and maintenance of fire sprinkler systems. The Lompoc Fire Department has made available an additional Quarterly Inspection Form. These records must be maintained by the owner during the lifespan of the building and also made available upon the request of Fire Department personnel. Quarterly inspections may be conducted by the building owner (or owner's responsible agent). However, the documentation, testing and maintenance requirements for annual and five-year certification must be performed by California licensed C-16 contractors or State Fire Marshal certified "A" Type 1-3 personnel.

The State Fire Marshal has new revised labels and tags for water based fire protection systems. The placement of all tags and labels shall be in accordance with CCR Title 19 and the Health and Safety Code, which states:

- (a) Labels shall be used on water-based fire protection systems.
- (b) Tags shall be used on engineered and pre-engineered fixed extinguishing systems.
- (c) Labels and tags shall be white with black letters. They shall be five and one-fourth inches (5-1/4") in length, and two and five-eighth inches (2-5/8") in width with a one-fourth inch (1/4") tolerance for each dimension. One sample label and/or tag shall be submitted to the Office of the State Fire Marshal for approval.
- (d) The following information shall be printed on labels and tags approved by the Office of the State Fire Marshal:
 - (1) The words "DO NOT REMOVE BY ORDER OF THE STATE FIRE MARSHAL."
 - (2) Concern Name.
 - (3) Concern Physical Address.
 - (4) License Number. (California State Fire Marshal "A" license or State of California Contractors State License Board C-16 license)
 - (5) Date of service or testing and maintenance.
 - (6) The Seal of the Office of the State Fire Marshal.
 - (7) Space or line for signature of person performing or supervising the service or testing and maintenance work.

- (e) When service or testing and maintenance are performed, the initial date of service or testing and maintenance, the printed name and signature of the person performing or supervising the servicing shall be placed on the tag or label. A hole shall be clearly punched in the appropriate boxes.
- (f) No person shall remove a tag or label from or place a tag or label on an automatic fire extinguishing system except when service or testing and maintenance are performed.
- (g) No person shall deface, modify, or alter any tag or label attached to or required to be attached to any automatic fire extinguishing system.
- (h) The label or tag conforming to this section shall be securely attached to each automatic fire extinguishing system at the time of service or testing and maintenance.
- (i) The label or tag approved by the Office of the State Fire Marshal shall be affixed to a system only after all deficiencies have been corrected.
- (j) Adhesive labels shall be manufactured in accordance with ANSI/UL 969.

NOTE: Authority cited: Section 13195, Health and Safety Code. Reference: Section 13195 Health and Safety Code.

Water-Based Fire Protection System Testing and Maintenance Labels

The label shall be placed:

- (1) On the fire department connection or on the riser for Class I, III, and combined standpipes and on the hose outlet closest to the front door for Class II standpipes,
- (2) On or adjacent to the fire department connection or on the riser for fire sprinkler systems and,
- (b) The following format shall be used for all labels:

DO NOT REMOVE BY ORDER OF THE STATE FIRE MARSHAL												
 LICENSE # <input type="checkbox"/> 5 YEAR <input type="checkbox"/> 3 YEAR <input type="checkbox"/> ANNUAL	OWNER IS RESPONSIBLE FOR MAINTAINING RECORDS						SPRINKLER					
	X							STANDPIPE				
	SIGNATURE						FIRE PUMP					
	Company Name						WATER TANK					
	Address						FOAM					
	Phone Number						WATER SPRAY					
	Will Print Here						PRIVATE FIRE SERVICE MAIN					
	X											
	PRINTNAME											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		

NOTE: Authority cited: Section 13195, Health and Safety Code. Reference: Section 13195 Health and Safety Code.

**Inspection, Testing, and Maintenance Cover Sheet
NFPA 25 as amended by CCR, Title 19**

Property Information:

Name: _____ Occupancy/Use: _____
 Address: _____ Construction Type: _____
 City: _____ No. of Stories: _____
 ZIP: _____ Year Constructed: _____
 Contact: _____
 Telephone: _____



Contractor Information:

Name: _____
 Address: _____
 City: _____
 State: _____
 Telephone: _____
 CA License# _____
 Job # _____
 Performed by: _____
 (Print)

Note: Contractor information may be pre-printed.

_____ Number of System Risers

Copy sent to:

- Owner Date _____
 Fire AHJ Date _____
 Contractor Date _____

NOTES:

1) For specific inspection, testing, and maintenance requirements and information, see NFPA 25, 2002 Edition as amended by California Code of Regulations, Title 19, Division 1, Chapter 5, §901 to §906.

2) Inspection items may be performed by the Owner in accordance with CA Title 19 Paragraph 904.1(a)

Forms included with this report	NFPA 25 Chapter	Number of Forms	N/A	FAIL*	PASS
<input type="checkbox"/> Automatic Sprinkler System	5				
<input type="checkbox"/> Standpipe and Hose Systems	6				
<input type="checkbox"/> Private Water Supply System	7				
<input type="checkbox"/> Fire Pump	8				
<input type="checkbox"/> Water Storage Tank	9				
<input type="checkbox"/> Water Spray System	10				
<input type="checkbox"/> Foam Water Sprinkler System	11				

*See "Deficiencies and Comments" section at end of each respective form.

**Inspection, Testing, and Maintenance Fire Sprinkler Systems
NFFA 25, Chapter 5 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	System Riser ID: _____ Type of System: <input type="checkbox"/> Wet Pipe <input type="checkbox"/> Dry Pipe <input type="checkbox"/> Preaction <input type="checkbox"/> Deluge
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Main Drain Test Results: Initial Static Pressure: _____ (psi) Residual Pressure: _____ (psi) Restored Static Pressure: _____ (psi)	Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Daily Weekly	Preaction/Deluge Valves – Enclosure temperature	12.4.3.1			
1.2	I	Daily Weekly	Dry Pipe Valves – Enclosure temperature	12.4.4.1.1			
1.3	I	Quarterly	Gauges (Dry, Preaction, Deluge Systems)	5.2.4.2 5.2.4.3			
1.4	I	Quarterly	Control Valves	12.3.2.1			
1.5	I	Quarterly	Alarm Devices	5.2.4.1			
1.6	I	Quarterly	Gauges (Wet Pipe Systems)	5.2.6			
1.7	I	Quarterly	Hydraulic nameplate	5.2.7			
1.8	I	Quarterly	Pipe and Fittings	5.2.2			
1.9	I	Quarterly	Sprinklers	5.2.1			
1.10	I	Quarterly	Spare Sprinklers	5.2.1.3			
1.11	I	Quarterly	Fire Department Connections	12.7.1			
1.12	I	Quarterly	Alarm Valves – Exterior Inspection	12.4.1.1			
1.13	I	Quarterly	Preaction/Deluge Valves – Exterior Inspection	12.4.3.1.6			
1.14	I	Quarterly	Pressure Reducing Valves	12.5.1.1			
1.15	I	Quarterly	Dry Pipe Valves – Exterior Inspection	12.4.4.1.4			
1.16	I	Quarterly	Backflow Preventers	12.6.1			
1.17	I	Annually	Buildings	5.2.5			

**Inspection, Testing, and Maintenance Fire Sprinkler Systems
NFPA 25, Chapter 5 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	System Riser ID: _____ Type of System: <input type="checkbox"/> Wet Pipe <input type="checkbox"/> Dry Pipe <input type="checkbox"/> Preaction <input type="checkbox"/> Deluge
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.19	I	Annually	Seismic Braces	5.2.3			
1.20	I	5 Years	Hangers (Accessible concealed spaces)	5.2.3.3			
1.21	I	5 Years	Seismic Braces (Accessible concealed spaces)	5.2.3.3			
1.22	I	5 Years	Pipe and Fittings (Accessible concealed spaces)	5.2.2.3			
1.23	I	5 Years	Sprinklers (Accessible concealed spaces)	5.2.1.3			
1.24	I	5 Years	Alarm Valves – Interior Inspection	12.4.1.2			
1.25	I	5 Years	Alarm Valves - Strainers, filters, orifices	12.4.1.2			
1.26	I	5 Years	Check Valves – Interior Inspection	12.4.2.1			
1.27	I	5 Years	Preaction/Deluge Valves – Interior Inspection	12.4.3.1.7			
1.28	I	5 Years	Preaction/Deluge Valves - Strainers, filters, orifices	12.4.3.1.8			
1.29	I	5 Years	Dry Pipe Valves – Interior Inspection	12.4.4.1.5			
1.30	I	5 Years	Dry Pipe Valves - Strainers, filters, orifices	12.4.4.1.6			
2.1	T	Annually	Alarm Devices (90 Sec)	5.3.3 12.2.7			
2.2	T	Annually	Main Drain Test (<i>Enter data on Page 1</i>)	12.2.6 12.2.6.1 12.3.3.4			
2.3	T	Annually	Antifreeze Test	5.3.4			
2.4	T	Annually	Water Flow alarms	12.2.7			
2.5	T	Annually	Control Valve - Position	12.3.3.1			
2.6	T	Annually	Control Valve – Operation	12.3.3.1			
2.7	T	Annually	Supervisory	12.3.3.5			
2.8	T	Annually	Preaction Valve – Priming Water	12.4.3.2.1			
2.9	T	Annually	Preaction Valve – Low Air Pressure Alarm	12.4.3.2.10			

**Inspection, Testing, and Maintenance Fire Sprinkler Systems
NFPA 25, Chapter 5 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	System Riser ID: _____ Type of System: <input type="checkbox"/> Wet Pipe <input type="checkbox"/> Dry Pipe <input type="checkbox"/> Preaction <input type="checkbox"/> Deluge
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
2.11	T	Annually	Dry Pipe Valve – Priming Water	12.4.4.2.1			
2.12	T	Annually	Dry Pipe Valve – Low Air Pressure Alarm	12.4.4.2.6			
2.13	T	Annually	Dry Pipe Valve – Quick-Opening Device	12.4.4.2.4			
2.14	T	Annually	Dry Pipe Valve – Trip Test	12.4.4.2.2			
2.15	T	Annually	Backflow Preventer Assemblies	12.6.2			
2.16	T	3 Years	Dry Pipe Valve – Full Flow	12.4.4.2.2.2			
2.17	T	5 Years	Gauges	5.3.2			
2.18	T	5 Years	Pressure Reducing Valve	12.5.1.2			
2.19	T	5 Years	Fire Department Connection Backflush	12.7.4			
2.20	T	5 Years	Sprinklers – Extra High Temperature	5.3.1.1.1.3			
2.21	T	5 Years	Sprinklers – Corrosive environment or corrosive water	5.3.1.1.2			
2.22	T	10 Years	Sprinklers - Dry	5.3.1.1.1.5			
2.23	T	20 Years	Sprinklers - Quick Response	5.3.1.1.1.2			
2.24	T	50 Years	Sprinklers	5.3.1.1.1			
2.25	T	75 Years	Sprinklers 75 years in service	5.3.1.1.1.4			
2.26	T		Sprinklers manufactured prior to 1920 – Replace	5.3.1.1.1.1			
3.1	M	Annually	Control Valves	12.3.4			
3.2	M	Annually	Preaction/Deluge Valves	12.4.3.3.2			
3.3	M	Annually	Dry Pipe Valves/Quick-Opening Devices	12.4.4.3.2			
3.4	M	5 Years	Obstruction Investigation	Chapter 13			

Inspection, Testing, and Maintenance Standpipe and Hose Systems
NFPA 25, Chapter 6 as amended by CCR, Title 19

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	System Riser ID: _____ Type of System: <input type="checkbox"/> Manual Wet <input type="checkbox"/> Manual Dry <input type="checkbox"/> Automatic Wet <input type="checkbox"/> Automatic Dry <input type="checkbox"/> Semiautomatic Dry Class of System: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III Combination Sprinkler/Standpipe <input type="checkbox"/> Yes <input type="checkbox"/> No
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Main Drain Test Results: Initial Static Pressure: _____ (psi) Residual Pressure: _____ (psi) Restored Static Pressure: _____ (psi)	Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Quarterly	Control Valves	Chapter 12			
1.2	I	Quarterly	Pressure Regulating Devices	Chapter 12			
1.3	I	Quarterly	Backflow Preventers	12.6.1			
1.4	I	Semiannually	Piping	6.2.1			
1.5	I	Semiannually	Hose Connections	Chapter 12			
1.6	I	Semiannually	Cabinet	NFPA 1962			
1.7	I	Semiannually	Hose	NFPA 1962			
1.8	I	Semiannually	Hose Storage Device	NFPA 1962			
2.1	T	Annually	Alarm Device	Chapter 12			
2.2	T	Annually	Hose Nozzle	NFPA 1962			
2.3	T	Annually	Main Drain Test <i>(Enter data on Page 1)</i>	Chapter 12			
2.4	T	Annually	Alarm Devices (90 Sec)	5.3.3 12.2.7			
2.5	T	Annually	Water Flow alarms	12.2.7			
2.6	T	Annually	Control Valve - Position	12.3.3.1			
2.7	T	Annually	Control Valve - Operation	12.3.3.1			
2.8	T	Annually	Supervisory	12.3.3.5			

**Inspection, Testing, and Maintenance Standpipe and Hose Systems
NFPA 25, Chapter 6 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	System Riser ID: _____ Type of System: <input type="checkbox"/> Manual Wet <input type="checkbox"/> Manual Dry <input type="checkbox"/> Automatic Wet <input type="checkbox"/> Automatic Dry <input type="checkbox"/> Semiautomatic Dry Class of System: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III Combination Sprinkler/Standpipe <input type="checkbox"/> Yes <input type="checkbox"/> No
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
2.9	T	Annually	Backflow Preventer Assemblies	12.6.2			
2.10	T	5/3 Years	Hose-hydrostatic	NFPA 1962			
2.11	T	5 Years	Hose Storage Device	NFPA 1962			
2.12	T	5 Years	Pressure Control Valve	Chapter 12			
2.13	T	5 Years	Pressure Reducing Valve	Chapter 12			
2.14	T	5 Years	Pneumatic and Hydrostatic Tests	6.3.2			
2.15	T	5 Years	Flow Test	6.3.1			
2.16	T	5 Years	Pressure Reducing Valve	12.5.1.2			
2.17	T	5 Years	Fire Department Connection Backflush	12.7.4			
3.1	M	Annually	Control Valves	12.3.4			
3.2	M	Annually	Hose Connections	Table 6.2.2			
3.3	M	Annually	Valves (All Types)	Chapter 12			

**Inspection, Testing, and Maintenance Private Fire Main Systems
NFPA 25, Chapter 7 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____

Property Information:

Name: _____

Address: _____

City: _____



Abbreviation Key

- I = Inspection
- T = Test
- M = Maintenance
- A-O = After Operation
- MI = Per Manufacturer's Instructions

Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Quarterly	Hose Houses	7.2.2.7			
1.2	I	Quarterly	Control Valves	Chapter 12			
1.3	I	Quarterly	Pressure Regulating Devices	Chapter 12			
1.4	I	Quarterly	Backflow Preventers	12.6.1			
1.5	I	Semiannually	Monitor Nozzles	7.2.2.6			
1.6	I	Annually	Hydrants (Dry Barrel and Wall)	7.2.2.4			
1.7	I	Annually	Hydrants (Wet Barrel)	7.2.2.5			
1.8	I	Annually	Mainline Strainers	7.2.2.3			
1.9	I	Annually	Piping (Exposed)	7.2.2.1			
1.10	I	See 7.2.2.2	Piping (Underground)	7.2.2.2			
2.1	T	Annually	Monitor Nozzles	7.3.3			
2.2	T	Annually	Hydrants	7.3.2			
2.3	T	Annually	Control Valve - Position	12.3.3.1			
2.4	T	Annually	Control Valve - Operation	12.3.3.1			
2.5	T	Annually	Backflow Preventer Assemblies	12.6.2			
2.6	T	Annually	Supervisory	12.3.3.5			
2.7	T	5 Years	Piping (Exposed and Underground) Flow Test	7.3.1			
2.8	T	5 Year	Pressure Reducing Valve	12.5.1.2			
2.9	T	5 Year	Fire Department Connection Backflush	12.7.4			
2.10	T	5 Years	Pressure Reducing Valve	Chapter 12			
3.1	M	Annually	Mainline Strainers	7.4.2			
3.2	M	Annually	Hose Houses	7.4.5			

Date of Inspection, Testing, Maintenance: _____ Property Information Name: _____ Address: _____ City: _____	Pump ID: _____ Serial Number: _____ Abbreviation Key I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Annual Fire Pump Test Results						
Date of Pump Test: _____	Number of pumps at this location: _____			Type of Driver:		
Shaft Orientation: <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	If multiple pumps: <input type="checkbox"/> Series arrangement <input type="checkbox"/> Parallel arrangement NOTE: Submit a separate form for each pump			<input type="checkbox"/> Electric <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Steam <input type="checkbox"/> Gas		
	Nameplate Data	Test Results				
Shutoff Pressure	psi	<i>Flow (gpm)</i>	<i>Net Pump Pressure (psi)</i>	<i>RPM</i>	<i>Volts</i>	<i>Amps</i>
100% Rated Capacity	gpm					
100% Rated Pressure	psi					
150% Rated Capacity	gpm					
65% Rated Pressure	psi					
Rated RPM	rpm					
Type of Test: <input type="checkbox"/> Discharge to Atmosphere <input type="checkbox"/> Recirculation						
Test Equipment <input type="checkbox"/> Flow Meter / Size: _____ <input type="checkbox"/> Play pipe (1-1/8") <input type="checkbox"/> Play pipe (1-3/4") <input type="checkbox"/> Diffuser / Size: _____			Controller: _____ Manufacturer: _____ Serial Number: _____			

Date of Inspection, Testing, Maintenance: _____ Property Information Name: _____ Address: _____ _____ City: _____	Pump ID: _____ Serial Number: _____ Abbreviation Key I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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FIRE PUMP INSPECTIONS							
Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Weekly	Pump House heating and ventilating louvers	8.2.2(1)			
1.2	I	Weekly	Circulation Relief Valve	12.5.6.1			
1.3	I	Weekly	Pressure Relief Valve	12.5.6.2			
1.4	I	Quarterly	Control Valves	Chapter 12			
			Fire Pump System:	8.2.2(2)			
1.5	I	Weekly	a. Pump Suction, discharge, and bypass valves are open.	8.2.2(2)(a)			
1.6	I	Weekly	b. Piping is free of leaks.	8.2.2(2)(b)			
1.7	I	Weekly	c. Suction pressure gauge reading is normal	8.2.2(2)(c)			
1.8	I	Weekly	d. Suction line pressure gauge reading is normal	8.2.2(2)(d)			
1.9	I	Weekly	e. Suction reservoir is full.	8.2.2(2)(e)			
1.10	I	Weekly	f. Wet pit suction screens are unobstructed and in place.	8.2.2(2)(f)			
			Electrical System Conditions:	8.2.2(3)			
1.11	I	Weekly	a. Controller pilot light is illuminated.	8.2.2(3)(a)			
1.12	I	Weekly	b. Transfer switch normal pilot light is illuminated.	8.2.2(3)(b)			
1.13	I	Weekly	c. Isolating switch is closed – standby (emergency) source.	8.2.2(3)(c)			
1.14	I	Weekly	d. Reverse phase alarm pilot light is off or normal phase rotation pilot light is on.	8.2.2(3)(d)			
1.15	I	Weekly	Oil level in vertical motor sight glass is normal.	8.2.2(3)(e)			
			Diesel Engine System Conditions:	8.2.2(4)			
1.16	I	Weekly	a. Fuel tank is two-thirds full.	8.2.2(4)(a)			

**Inspection, Testing, and Maintenance Fire Pumps
NFFA 25, Chapter 8 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____

Pump ID: _____

Property Information:

Serial Number: _____

Name: _____

Abbreviation Key

Address: _____

I = Inspection

T = Test

M = Maintenance

A-O = After Operation

MI = Per Manufacturer's Instructions

City: _____



Item	Activity	Frequency	Description	NFFA 25 Reference	Fail	N/A	Pass
1.17	I	Weekly	b. Controller selector switch is in "auto" position.	8.2.2(4)(b)			
1.18	I	Weekly	c. Batteries (2) voltage readings are normal	8.2.2(4)(c)			
1.19	I	Weekly	d. Batteries (2) charging current readings are normal	8.2.2(4)(d)			
1.20	I	Weekly	e. Batteries (2) pilot lights are on or battery failure (2) lights are off.	8.2.2(4)(e)			
1.21	I	Weekly	f. All alarm pilot lights are off.	8.2.2(4)(f)			
1.22	I	Weekly	g. Engine running time meter is reading.	8.2.2(4)(g)			
1.23	I	Weekly	h. Oil level in right angle gear drive is normal.	8.2.2(4)(h)			
1.24	I	Weekly	i. Crankcase oil level is normal.	8.2.2(4)(i)			
1.25	I	Weekly	j. Cooling water level is normal.	8.2.2(4)(j)			
1.26	I	Weekly	k. Electrolyte level in batteries is normal.	8.2.2(4)(k)			
1.27	I	Weekly	l. battery terminals are free from corrosion.	8.2.2(4)(l)			
1.28	I	Weekly	m. Water-jacket heater is operating.	8.2.2(4)(m)			
			Steam System Conditions:	8.2.2(5)			
1.29	I	Weekly	Steam pressure gauge reading is normal.	8.2.2(5)			
			Pump System:	Table 8.5.3			
1.30	I	A-O	Wet pit suction screens	Table 8.5.3(A)(5)			
			Electrical System:	Table 8.5.3(C)			
1.31	I	Annually	Inspect emergency manual starting means	Table 8.5.3(C)(4)			
			Diesel Engine System:	Table 8.5.3(D)			
1.32	I	Weekly	Fuel: Tank Level.	Table 8.5.3(D)(1)(a)			

**Inspection, Testing, and Maintenance Fire Pumps
NFPA 25, Chapter 8 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	Pump ID: _____ Serial Number: _____ Abbreviation Key I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.33	I	Weekly	Fuel. Tank Float Switch	Table 8.5.3(D)(1)(b)			
1.34	I	Weekly	Fuel. Solenoid valve operation	Table 8.5.3(D)(1)(c)			
1.35	I	Weekly	Fuel. Flexible hoses and connectors	Table 8.5.3(D)(1)(g)			
1.36	I	Weekly	Lubrication System: Oil level.	Table 8.5.3(D)(2)(a)			
1.37	I	Weekly	Cooling System: Level	Table 8.5.3(D)(3)(a)			
1.38	I	Weekly	Cooling System: Adequate cooling water to heat exchanger.	Table 8.5.3(D)(3)(d)			
1.39	I	Weekly	Cooling System: Water pumps.	Table 8.5.3(D)(3)(f)			
1.40	I	Weekly	Cooling System: Condition of flexible hoses and connections.	Table 8.5.3(D)(3)(g)			
1.41	I	Weekly	Cooling System: Jacket water heater	Table 8.5.3(D)(3)(h)			
1.42	I	Weekly	Battery System: Electrolyte level.	Table 8.5.3(D)(5)(a)			
1.43	I	Weekly	Exhaust System: Leakage	Table 8.5.3(D)(4)(a)			
1.44	I	Weekly	Electrical System: General inspection	Table 8.5.3(D)(6)(a)			
1.45	I	Monthly	Battery System: Charger and charge rate.	Table 8.5.3(D)(5)(d)			
1.46	I	Monthly	Battery System: Equalize charge.	Table 8.5.3(D)(5)(f)			
1.47	I	Monthly	Electrical System: Circuit breaker s or fuses	Table 8.5.3(D)(6)(f)			
1.48	I	Quarterly	Lubrication System: Crankcase breather	Table 8.5.3(D)(2)(e)			
1.49	I	Quarterly	Exhaust System: Insulation and fire hazards.	Table 8.5.3(D)(4)(c)			
1.50	I	Quarterly	Battery System: Terminals clean and tight.	Table 8.5.3(D)(5)(b)			
1.51	I	Quarterly	Electrical System: Wire chafing where subject to moving.	Table 8.5.3(D)(6)(c)			

**Inspection, Testing, and Maintenance Fire Pumps
NFPA 25, Chapter 8 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	Pump ID: _____ Serial Number: _____ Abbreviation Key I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.52	I	Semiannually	Cooling System: Antifreeze protection level	Table 8.5.3(D)(3)(b)			
1.53	I	Semiannually	Exhaust System: Flexible exhaust section.	Table 8.5.3(D)(4)(f)			
1.54	I	Annually	Fuel: Tank vents and overflow piping is unobstructed.	Table 8.5.3(D)(1)(h)			
1.55	I	Annually	Fuel: Piping.	Table 8.5.3(D)(1)(i)			
1.56	I	Annually	Cooling System: Inspect ductwork	Table 8.5.3(D)(3)(i)			
1.57	I	Annually	Exhaust System: Hangers and supports.	Table 8.5.3(D)(4)(e)			

FIRE PUMP TESTS

2.1	T	Weekly	Pump Operation – No Flow condition	8.3.1			
2.2	T	Monthly	Engine Generator Sets	NFPA 110			
2.3	T	Annually	Control Valve – Position	12.3.3.1			
2.5	T	Annually	Control Valve – Operation	12.3.3.1			
2.6	T	Annually	Supervisory	12.3.3.5			
2.7	T	Annually	Pump Operation – Flow condition	8.3.3.1			
2.8	T	5 Year	Pressure Reducing Valve	12.5.1.2			
2.9	T		Automatic Transfer Switches	NFPA 110			
			Pump System:	Table 8.5.3(A)			
2.10	T	Annually	Pump System: Check Pump shaft end play.	Table 8.5.3(A)(2)			
2.11	T	Annually	Pump System: Check accuracy of pressure gauges and sensors.	Table 8.5.3(A)(3)			
2.12	T	Annually	Pump System: Check pump coupling alignment.	Table 8.5.3(A)(4)			
2.13	T	Annually	Pressure Relief Valve	12.5.6.2.2			
2.14	T	Annually	Circulation Relief Valve	12.5.6.1.2			

**Inspection, Testing, and Maintenance Fire Pumps
NFPA 25, Chapter 8 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	Pump ID: _____ Serial Number: _____ Abbreviation Key I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
			Electrical System:	Table 8.5.3(C)			
2.15	T	Annually	Electrical System: Trip circuit breaker (if mechanism provided).	Table 8.5.3(C)(2)			
2.16	T	Annually	Electrical System: Operate emergency manual starting means (without power).	Table 8.5.3(C)(4)			
2.17	T	Annually	Electrical System: Calibrate pressure switch settings.	Table 8.5.3(C)(7)			
			Diesel Engine System:	Table 8.5.3(D)			
2.18	T	Monthly	Battery System: Specific Gravity or state of charge	Table 8.5.3(D)(5)(d)			
2.19	T	Semiannually	Cooling System: Antifreeze	Table 8.5.3(D)(3)(c)			
2.20	T	Semiannually	Electrical System: Operation of safeties and alarms.	Table 8.5.3(D)(6)(d)			
2.21	T	Annually	Exhaust System: Excessive back pressure	Table 8.5.3(D)(4)(d)			
Fire Pump Maintenance (NFPA 25: 8.5.1)							
3.1	M	Annually	Control valves	12.3.4			
			Pump System:	Table 8.5.3(A)			
3.2	M	Annually	Lubricate pump bearings	Table 8.5.3(A)(1)			
			Mechanical Transmission:	Table 8.5.3(B)			
3.3	M	Annually	Lubricate Coupling	Table 8.5.3(B)(1)			
3.4	M	Annually	Lubricate right-angle gear drive	Table 8.5.3(B)(2)			
			Electrical System:	Table 8.5.3(C)			
3.5	M	Annually	Tighten electrical connections	Table 8.5.3(C)(5)			
Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
3.6	M	Annually	Lubricate mechanical moving parts (excluding starters and relays)	Table 8.5.3(C)(6)			

Date of Inspection, Testing, Maintenance: _____

Pump ID: _____

Property Information:

Serial Number: _____

Name: _____

Abbreviation Key:

Address: _____

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3.7	M	Annually	Grease motor bearings	Table 8.5.3(C)(8)			
			Diesel Engine System:	Table 8.5.3(D)			
3.8	M	Weekly	Fuel: Water in system.	Table 8.5.3(D)(1)(f)			
3.9	M	Quarterly	Fuel: Strainer, filter, or dirt leg, or combination thereof	Table 8.5.3(D)(1)(d)			
3.10	M	Annually	Fuel: Water or foreign material in tank.	Table 8.5.3(D)(1)(e)			
			Lubrication System:	Table 8.5.3(D)(2)			
3.11	M	Weekly	Lube oil heater	Table 8.5.3(D)(2)(d)			
3.12	M	Quarterly	Crankcase breather	Table 8.5.3(D)(2)(e)			
3.13	M	Annually/50 Hours	Oil change	Table 8.5.3(D)(2)(b)			
3.14	M	Annually/50 Hours	Oil Filter(s)	Table 8.5.3(D)(2)(c)			
			Cooling System:	Table 8.5.3(D)(3)			
3.15	M	Weekly	Level.	Table 8.5.3(D)(3)(a)			
3.16	M	Semiannually	Antifreeze protection level.	Table 8.5.3(D)(3)(b)			
3.17	M	Annually	Rod out heat exchanger.	Table 8.5.3(D)(3)(e)			
3.18	M	Annually	Clean louvers.	Table 8.5.3(D)(3)(i)			
			Exhaust System:	Table 8.5.3(D)(4)			
3.19	M	Weekly	Drain condensate trap	Table 8.5.3(D)(4)(b)			
			Battery System:				
Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
3.20	M	Monthly	Remove corrosion, case exterior clean and dry	Table 8.5.3(D)(5)(c)			
			Electrical System:	Table			

**Inspection, Testing, and Maintenance of Water Storage Tanks
NFPA 25, Chapter 9 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions * = During cold weather season
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Daily/Weekly*	Water temperature	9.2.4			
1.2	I	Daily/Weekly*	Heating system	9.2.6.6			
1.3	I	Monthly*	Temperature Alarms	9.2.4.2 9.2.4.3			
1.4	I	Monthly/ Quarterly*	Condition of water in tank	9.2.1			
1.5	I	Monthly/ Quarterly	Water- level	9.2.1			
1.6	I	Monthly/ Quarterly	Air Pressure	9.2.2			
1.7	I	Quarterly	Control Valves	Chapter 12			
1.8	I	Quarterly	Tank - exterior	9.2.5.1			
1.9	I	Quarterly	Support structure	9.2.5.1			
1.10	I	Quarterly	Catwalks and ladders	9.2.5.1			
1.11	I	Quarterly	Surrounding area	9.2.5.2			
1.12	I	Annually	Hoops and grillage	9.2.5.4			
1.13	I	Annually	Painted/coated surfaces	9.2.5.5			
1.14	I	Annually	Expansion joints	9.2.5.3			
1.15	I	5 Years/3 Years	Interior	9.2.6			
1.16	I	5 Years	Check valves	Chapter 12			
2.1	T	Monthly*	High temperature limit switch	9.3.4			
2.2	T	Semiannually	Water level alarms	9.3.5			
2.3	T	Annually	Control Valve - Position	12.3.3.1			
2.4	T	Annually	Control Valve - Operation	12.3.3.1			
2.5	T	Annually	Supervisory	12.3.3.5			

**Inspection, Testing, and Maintenance of Water Storage Tanks
NFPA 25, Chapter 9 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance. _____ Property Information: Name: _____ Address: _____ _____ City: _____	Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions * = During cold weather season <div style="text-align: right; margin-top: 10px;">  </div>
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
2.6	T	5 Years	Level indicators	9.3.1			
2.7	T	5 Years	Pressure gauges	9.3.6			
2.8	T	5 Years	Automatic filling device	9.3.7			
3.1	M	Semiannually	Drain silt	9.4.5			
3.2	M	Annually	Control valves	Chapter 12			
3.3	M	----	Water level	9.4.1			
3.4	M	----	Embankment-supported coated fabric (ESCF)	9.4.6			
3.5	M	----	Check valves	12.4.2.2			

Item	Deficiencies and Comments: Deficiencies and Comments Item number must correspond to the Item number of the Activity listed above:
<input type="checkbox"/> See Continuation Page(s) _____ (Indicate the number of continuation pages) <input type="checkbox"/> PASS <input type="checkbox"/> FAIL	
_____ Signature	
_____ Date	

**Inspection, Testing, and Maintenance of Water Spray Fixed Systems
NFPA 25, Chapter 10 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	System Riser ID _____ Abbreviation Key I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Each shift	UHSWSS — controllers	10.4.3			
1.2	I	Each shift	UHSWSS — valves	10.4.4			
1.3	I	Daily/weekly	Heat (deluge valve house)	10.2.1.5, Chapter 12			
1.4	I	Daily/Weekly Monthly/ Quarterly Quarterly Annually 3 Years 5 Years	Tanks (Gravity, Pressure, and Suction)	10.2.10, Chapter 9			
1.5	I	Monthly	Nozzles	10.2.1.1, 10.2.1.2, 10.2.1.6, 10.2.5.1, 10.2.5.2			
1.6	I	Monthly	UHSWSS — detectors	10.4.2			
1.7	I	Quarterly	Backflow preventer	Chapter 12			
1.8	I	Quarterly	Control valves	Chapter 12			
1.9	I	Quarterly	Drainage	10.2.8			
1.10	I	Quarterly	Fittings	10.2.4, 10.2.4.1			
1.11	I	Quarterly	Fittings (rubber-gasketed)	10.2.4.1, A.10.2.4.1			
1.12	I	Quarterly	Hangers	10.2.4.2			
1.13	I	Quarterly	Pipe	10.2.1.1, 10.2.1.2, 10.2.4, 10.2.4.1			

**Inspection, Testing, and Maintenance of Water Spray Fixed Systems
NFPA 25, Chapter 10 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	System Riser ID _____ Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.14	I	Quarterly	Supports	10.2.1.1, 10.2.1.2, 10.2.4.2			
1.15	I	Quarterly Annually 5 Years	Deluge valve	10.2.2, Chapter 12			
1.16	I	5 Years	Check valves (Including Detector Check Valves)	Chapter 12			
1.17	I	MI	Strainers	10.2.7			
1.18	I	NFPA 72	Detection systems	10.2.3			
1.19	I	See Fire Pump Form	Electric motor	10.2.9, Chapter 8			
1.20	I	See Fire Pump Form	Engine drive	10.2.9, Chapter 8			
1.21	I	See Fire Pump Form	Fire pump	10.2.9, Chapter 8			
1.22	I	See Fire Pump Form	Steam driver	10.2.9, Chapter 8			
1.23	I	See Private Fire Mains Form	Water supply piping	10.2.6.1, 10.2.6.2 Chapter 7			
2.1	T	Annually	Backflow preventer	Chapter 12			
2.2	T	Annually	Control valves	Chapter 12			
2.3	T	Annually	Main drain test	Chapter 12			
2.4	T	Annually	Flushing	10.2.1.3, Section 10.3 (flushing of connection to riser, part of annual test)			
2.5	T	Annually	Manual release	10.2.1.3, 10.3.6			

**Inspection, Testing, and Maintenance of Water Spray Fixed Systems
NFPA 25, Chapter 10 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____

System Riser ID _____

Property Information:

Name: _____

Address: _____

City: _____

Abbreviation Key

- I = Inspection
- T = Test
- M = Maintenance
- A-O = After Operation
- MI = Per Manufacturer's Instructions



Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
2.6	T	Annually	Nozzles	10.2.1.3, 10.2.1.6, Section 10.3			
2.7	T	Annually 3 Years	Water spray system test	Section 10.3, Chapter 12			
2.8	T	Annually	Strainers	10.2.1.3, 10.2.1.7, 10.2.7			
2.9	T	Annually	Water-flow alarm	Chapter 5			
2.10	T	Annually	UHSWSS	Section 10.4			
2.11	T	Annually 3 Years	Deluge valve	10.2.2, Chapter 12			
2.12	T	NFPA 72	Detection systems	10.2.3			
2.13	T	See Fire Pump Form	Electric motor	10.2.9, Chapter 8			
2.14	T	See Fire Pump Form	Engine drive	10.2.9, Chapter 8			
2.15	T	See Fire Pump Form	Fire pump	10.2.9, Chapter 8			
2.16	T	See Water Storage Tank Form	Tanks (Gravity, Pressure, Suction)	10.2.10, Chapter 9			
2.17	T	See Fire Pump Form	Steam driver	10.2.9, Chapter 8			
2.18	T	See Private Fire Main Form	Water supply flow test	7.3.2			
3.1	M	Annually	Control valves	10.2.1.4, Chapter 12			
3.2	M	Annually	Strainers	10.2.1.4, 10.2.1.7, 10.2.7			

**Inspection, Testing, and Maintenance of Water Spray Fixed Systems
NFPA 25, Chapter 10 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	System Riser ID _____ Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
3.3	M	Annually	Water spray system	10.2.1.4, Chapter 12			
3.4	M	Annually 5 Years After Operation	Deluge valve	10.2.2, Chapter 12			
3.5	M	5 years	Strainers (baskets/screen)	10.2.1.4, 10.2.1.8, A.10.2.7			
3.6	M	NFPA 72	Detection systems	10.2.3			
3.7	M	Per AHJ and MI	Backflow preventer	Chapter 12			
3.8	M	MI	Check valves (Including Detector Check Valves)	Chapter 12			
3.9	M	See Fire Pump Form	Electric motor	10.2.9, Chapter 8			
3.10	M	See Fire Pump Form	Engine drive	10.2.9, Chapter 8			
3.11	M	See Fire Pump Form	Fire pump	10.2.9, Chapter 8			
3.12	M	See Water Storage Tank Form	Tanks (Gravity, Pressure, Suction)	10.2.10, Chapter 9			
3.13	M	See Fire Pump Tank Form	Steam driver	10.2.9, Chapter 8			

**Inspection, Testing, and Maintenance of Foam-Water Sprinkler Systems
NFPA 25, Chapter 11 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address _____ City: _____	System Riser ID _____ Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.1	I	Daily/Weekly Quarterly Annually 5 Years	Deluge/Preaction valve(s)	11.2.1, Chapter 12			
1.2	I	Monthly	Discharge device location (spray nozzle)	11.2.5			
1.3	I	Monthly	Discharge device position (spray nozzle)	11.2.5			
1.4	I	Quarterly	Foam concentrate strainer(s)	11.2.7.2			
1.5	I	Quarterly	Drainage in system area	11.2.8			
1.6	I	Quarterly	Proportioning system(s) — all	11.2.9			
1.7	I	Quarterly	Pipe corrosion	11.2.3			
1.8	I	Quarterly	Pipe damage	11.2.3			
1.9	I	Quarterly	Fittings corrosion	11.2.3			
1.10	I	Quarterly	Fittings damage	11.2.3			
1.11	I	Quarterly	Hangers/supports	11.2.4			
1.12	I	Quarterly	Control valve(s)	Chapter 12			
1.13	I	Quarterly	Backflow preventer(s)	Chapter 12			
1.14	I	Annually	Discharge device location (sprinkler)	11.2.5			
1.15	I	Annually	Discharge device position (sprinkler)	11.2.5			
1.16	I	Annually	Discharge device location	11.3.3.6			
1.17	I	Annually	Discharge device position	11.3.3.6			
1.18	I	Annually	Discharge device obstruction	11.3.3.6			
1.19	I	Annually	Foam concentrate strainer(s)	11.2.7.2			

Date of Inspection, Testing, Maintenance: _____

System Riser ID _____

Property Information:

Name: _____

Address _____

City: _____

Abbreviation Key:

I = Inspection

T = Test

M = Maintenance

A-O = After Operation

MI = Per Manufacturer's Instructions



Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
1.20	I	Annually	Proportioning system(s) — all	11.2.9			
1.21	I	Annually	Complete foam-water system(s)	11.3.3			
1.22	I	Annually	Foam-water solution	11.3.6			
1.23	I	Annually	Manual actuation device(s)	11.3.5			
1.24	I	Fee Fire Pump Form	Fire pump(s)	Chapter 8			
1.25	I	See Private Fire Main Form	Water supply piping	11.2.6.1			
1.26	I	See Water Storage Tank Form	Water supply tank(s)	Chapter 9			
1.27	I	See NFPA 72	Detection system	11.2.2			
2.1	T	Monthly	Foam concentrate pump operation	11.4.6(A), 11.4.7(A)			
2.2	T	Quarterly	Foam concentrate strainer(s)	Section 11.4			
2.3	T	See Chapter 12	Deluge/preaction valve(s)	11.2.1			
2.4	T	Annually	Water supply piping	Chapter 10			
2.5	T	Annually	Control valve(s)	Chapter 12			
2.6	T	Annually	Backflow preventer(s)	Chapter 12			
2.7	T	Annually	Foam concentrate samples	11.2.10			
2.8	T	See Fire Pump Form	Fire pump(s)	Chapter 8			
2.9	T	See Water Storage Tank Form	Water supply tank(s)	Chapter 9			
2.10	T	See Chapter 4	Water supply flow test	11.2.6			

**Inspection, Testing, and Maintenance of Foam-Water Sprinkler Systems
NFPA 25, Chapter 11 as amended by CCR, Title 19**

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ _____ City: _____	System Riser ID _____ Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
2.11	T	See <i>NFPA 72</i>	Detection system	11.2.2			
			Proportioning system(s) standard pressure type				
2.12	T	5 years	Ball drip (automatic type) drain valves	11.4.3(A)			
2.13	T	10 years	Foam concentrate tank — drain and flush	11.4.3(B)			
2.14	T	10 years	Corrosion and hydrostatic test	11.4.3(C)			
			Bladder tank type				
2.15	T	10 years	Sight glass	11.4.4(A)			
2.16	T	10 years	Foam concentrate tank — hydrostatic test	11.4.4(B)			
			Line type				
2.17	T	10 years	Foam concentrate tank — corrosion and pickup pipes	11.4.5(A)			
2.18	T	10 years	Foam concentrate tank — drain and flush	11.4.5(B)			
			Standard balanced pressure type				
3.1	M	5 years (see <i>Note</i>)	Foam concentrate pump(s)	11.4.6(B)			
3.2	M	5 years	Balancing valve diaphragm	11.4.6(C)			
3.3	M	10 years	Foam concentrate tank	11.4.6(D)			
			In-line balanced pressure type				
3.4	M	Annually	Water supply	11.2.6.1			
3.5	M	Annually	Control valve(s)	Chapter 12			
3.6	M	Annually 5 years	Strainer(s) — mainline	11.2.7			

Date of Inspection, Testing, Maintenance: _____ Property Information: Name: _____ Address: _____ City: _____	System Riser ID _____ Abbreviation Key: I = Inspection T = Test M = Maintenance A-O = After Operation MI = Per Manufacturer's Instructions
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Item	Activity	Frequency	Description	NFPA 25 Reference	Fail	N/A	Pass
3.7	M	5 years (see Note)	Foam concentrate pump(s)	11.4.7(B)			
3.8	M	5 years	Pressure vacuum vents	11.4.8			
3.11	M	5 years	Balancing valve diaphragm	11.4.7(C)			
3.12	M	10 years	Foam concentrate tank	11.4.7(D)			
3.13	M	Annually 5 Years A-O MI	Deluge/preaction valves	11.2.1			
3.14	M	See Water Storage Tank Form	Water supply tank(s)	Chapter 9			
3.15	M	See Fire Pump Form	Fire pump(s)	Chapter 8			
3.16	M	Per AHJ and MI	Backflow preventer(s)	Chapter 12			
3.19	M	MI	Check valve(s) (Including Detector Check Valves)	Chapter 12			
3.20	M	See NFPA 72	Detection system	11.2.2			



Lompoc Fire Department
115 South G Street
Lompoc, CA 93436
805.736.4513

INSPECTION ON WET PIPE SPRINKLER SYSTEMS (Quarterly Inspections as Required by Title 19, CCR)

- Check gauges: Check to be sure gauges are working and the lens is in place to protect the needle, the gauge should show a drop in pressure when the inspector's test valve is opened. The pressure should be recorded before the inspector's test valve is opened.
- Check for all control valves opened and chained:
Check all valves starting with both valves on the large double check valve assembly. The center stem should be exposed and extended all the way through the turning wheel. If a 'divisional' valve is present on the riser, check to be sure it is in the opened position. Both valves require that the handles be locked *in the open position* to prevent accidental closure.
- Check Hydraulic Plate attached and information legible:
The Hydraulic plate can be a metal plate or sticker affixed to the riser. Information on the plate should be legible.
- Check Fire Department Connection-caps installed:
Fire Department Connection (FDC) is to be clear of all vegetation. If caps are missing, the pipe is to be inspected to be sure no foreign matter can be seen which might be pushed into the sprinkler system. Any missing caps are to be immediately replaced.
- Open Inspector's Test, alarm to sound within 90 seconds:
If the system has an alarm system or is monitored (most are) the alarm company is required to be contacted to place the system on test. Locate the inspector's test *valve* (normally at the opposite end of the riser's location) and open the valve fully. The *alarm bell* should be activated within 90 seconds. Observe the gauge on the riser, it should show a drop from the 'static' reading recorded earlier. After bell activation, shut off inspector's test valve and reset alarm system. *Observe the gauge on the riser, it should return to approximately the pressure reading recorded before opening the test valve.* Contact the alarm company and put system back in normal operation.
- Spare sprinkler heads and wrench available:
Check to be sure spare sprinkler heads are available for each type used in your building.
Also, check for the proper wrench to install the heads, some systems may require two or more wrenches



Lompoc Fire Department
 115 South G Street
 Lompoc, CA 93436
 805.736.4513
 (AES 10)

QUARTERLY INSPECTION ON WET PIPE SPRINKLER SYSTEMS

As per Article 4 of Title 19, California Code of Regulations and NFPA 25, Section 5.1, automatic fire sprinkler systems are required to be maintained at all times and inspected quarterly. When requested, inspection reports are required to be made available to fire department personnel (NFPA 25 4.3.1).

First Quarter

	DATE	Inspector	Info.	Y	N	N
Check gauges/record pressures (notify Fire Dept. if Gage reads zero)						
Check all control valves (incl. Back flow preventer) Opened, chained - no leaks						
Check Hydraulic plate attached and information legible						
Check Fire Department Connection-Caps installed						
Open Inspector's Test, alarm to sound within 90 seconds*						
Spare sprinkler heads and wrench available						

Second Quarter

	DATE	Inspector	Info.	Y	N	N
Check gauges/record pressures (notify Fire Dept. if Gage reads zero)						
Check all control valves (incl. Back flow preventer) Opened, chained - no leaks						
Check Hydraulic plate attached and information legible						
Check Fire Department Connection-Caps installed						
Open Inspector's Test, alarm to sound within 90 seconds*						
Spare sprinkler heads and wrench available						

Third Quarter

	DATE	Inspector	Info.	Y	N	N
Check gauges/record pressures (notify Fire Dept. if Gage reads zero)						
Check all control valves (incl. Back flow preventer) Opened, chained - no leaks						
Check Hydraulic plate attached and information legible						
Check Fire Department Connection-Caps installed						
Open Inspector's Test, alarm to sound within 90 seconds*						
Spare sprinkler heads and wrench available						

Fourth Quarter

	DATE	Inspector	Info.	Y	N	N
Check gauges/record pressures (notify Fire Dept. if Gage reads zero)						
Check all control valves (incl. Back flow preventer) Opened, chained - no leaks						
Check Hydraulic plate attached and information legible						
Check Fire Department Connection-Caps installed						
Open Inspector's Test, alarm to sound within 90 seconds*						
Spare sprinkler heads and wrench available						

****Be sure Alarm Company is contacted and system is put on test prior to opening inspector's test valve. Upon completion of test, put the alarm system back in normal operation!***

Annual and 5 year certification inspections are to be done by qualified sprinkler contractors and reports sent to the Fire Department. (AES 10)

Health and Safety Code Violations and Penalties:

Any person who violates any provisions of this chapter or any regulation or building standard adopted by the State Fire Marshal pursuant to Section 13195 is guilty of a misdemeanor punishable by a fine of not more than ten thousand dollars (\$10,000), or by imprisonment for not more than six months, or by both such fine and imprisonment. A person is guilty of a separate offense each day during which he or she commits, continues, or permits a violation of this chapter or any regulation or building standards adopted pursuant to this chapter.