

REPORT OF FIRE SPRINKLER SYSTEM TESTING

EASTERN SPRINKLER SERVICES INCORPORATED
 P.O. BOX 1582
 AUBURN, MAINE 04211-1582
 207-795-6314

408 HARLOW ST.
 BANGOR, MAINE 04401
 207-942-8014

Report # 3 of 4

Contract/DW # 28058Q

Building Name <u>Proast</u>	Contract With _____
Street <u>446 Forest Street</u>	Tester Name <u>Jim LaLiberte</u> Lic. # <u>314</u>
City and State <u>Portland, Maine</u>	Date <u>10-23-08</u>

Test = the physical operation of equipment to validate condition
Inspect = a visual exam from floor level to validate condition.
Maintain = work performed to keep equipment operable or to make repairs.
Owner = owner's or owner representative's response to a question or actions required of them.

NOTICE

Per NFPA 25 it is the owner's responsibility to be familiar with the inspection, testing and maintenance requirements of their fire sprinkler system. Please refer to your ESSI contract for services to be performed by ESSI.

Owner's or Owner Representative's Name: _____

1. General - Perform at all testing visits (UNO)	Yes	N.A.	No*
a. Owner: Is the building occupancy the same as the last visit?	/		
b. Owner: Is the building properly heated where water filled sprinkler piping (other than dry pipe low points) is present?	/		
c. Owner: Have all new additions and building changes been properly protected with sprinklers?		/	
d. Owner: Is the building use the same as the last inspection?	/		
e. Owner: Are all sprinkler systems in service?	/		
f. Owner: Are valve, above ground tank, and pump enclosures in good condition and properly heated / ventilated?	/		
2. Annual Sprinkler and Piping Items - Perform at testing visit #1			
a. Inspect: Are hangers and seismic bracing secure?	/		
b. Inspect: Are pipe, fittings and sprinkler heads in satisfactory condition?	/		
c. Inspect: Does the entire building appear to be completely sprinklered?	/		
d. Inspect: Are spare sprinklers and sprinkler wrenches properly stored at the property?	/		
e. Inspect: Is all stock or storage at least 18" below sprinkler head deflectors?	/		
3. Valves - Perform at all testing visits (UNO)			
a. Inspect: Are all control valves in satisfactory condition and sealed, locked or supervised in their normal position?	/		
b. Inspect: Are all pressure reducing and relief valves in good condition and free of leakage?	/		
c. Inspect: Are the exteriors of all backflow preventers in good condition and relief valves free of leakage?	/		
d. Maintain: Lubricate all control valves annually. Were valves lubricated at this visit?		/	
e. Test: Control valve operation per NFPA 25 Table 9-1. Are all control valves operating properly?	/		
4. Drains, Gauges, Fire Department Connections, Anti-freeze and Misc. - Perform at all testing visits (UNO)			
a. Inspect: Are gauges in satisfactory condition?	/		
b. Inspect: Are fire department connections in good condition and easily accessible for emergency use?	/		
c. Maintain: Lubricate fire department swivel connections as necessary. Was lubrication applied at this visit?		/	
d. Test: Main drain flow test per NFPA 25 Table 9-1. Was test performed at this visit?	/		
e. Test: Anti-freeze at fall visit per NFPA 25 Table 2-1. Was test performed at this visit? Temp = _____	/		
5. Alarm, Dry pipe, Preaction and Deluge Systems and Quick-Opening Devices - Perform at all testing visits (UNO)			
a. Inspect: At annual trip test is the interior condition of all dry pipe, preaction and deluge valves satisfactory?	/		
b. Inspect: Are the exteriors of all alarm, dry pipe, quick-opening devices, preaction and deluge valves in good condition?	/		
c. Maintain: At annual trip test clean the interior of all dry pipe, preaction and deluge valves. Were valves cleaned at this test?	/		
d. Maintain: Air compressors. Add oil, clean air filter and check belt. Are compressors in satisfactory condition?	/		
e. Maintain: At Fall visit were low point drains checked and the owner advised to continue maintenance during cold months?	/		
f. Test: Quick-Opening devices per NFPA 25 Table 9-1. Are QOD's operating properly?		/	
g. Test: Priming water levels per NFPA 25 Table 9-1. Is priming water satisfactory?	/		
h. Test: Trip test dry pipe, preaction and deluge valves annually per NFPA 25 Table 9-1. Was test performed at this visit?			/
6. Alarms - Perform at all testing visits (UNO)			
a. Inspect: Are all alarm devices in satisfactory condition?	/		
b. Test: Flow alarm devices per NFPA 25 Table 2-1. Are all sprinkler alarms working properly?	/		
c. Test: Low air pressure alarms per NFPA 25 Table 9-1. Are all low air pressure alarms working properly?			/
d. Test: Valve supervisory switches per NFPA 25 Table 9-1. Are all supervisory switches working properly?			/

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7. Five, Ten, Twenty, Fifty and Seventy-five Year Tests	Yes	N.A.	No*
a. Have extra-high temp. sprinklers been replaced or tested as per NFPA 25 Table 2-1? (every 5 years)		/	
b. Have fast-response sprinklers been replaced or tested as per NFPA 25 Table 2-1? (at 20 years and 10 years thereafter)		/	
c. Have standard-response sprinklers been replaced or tested as per NFPA 25 Table 2-1? (at 50 years and 10 years thereafter)		/	
d. Have standard-response sprinklers over 75 years old been replaced or tested as per NFPA 25 Table 2-1? (every 5 years)		/	
e. Have sprinklers manufactured prior to 1920 been replaced per NFPA 25 Table 2-1?		/	

8. Obstruction Investigation			
a. Has piping been flushed / examined for obstruction within the past 5 years per NFPA 25 Chapter 10?			
b. If 8a = yes what year was the flushing / examination performed?	YEAR:		
c. At annual trip test of dry pipe, preaction and deluge systems was 1/4 cup or less scale removed from the valve interior?			
d. During annual draining of low points were the valves free of scale and blockage?			

9. System Information					
	System Type	Valve Manufacturer, Model, Size, Year		System Type	Valve Manufacturer, Model, Size, Year
System 1	Dry	Grinnell E2 4"		System 4	
System 2				System 5	
System 3				System 6	

10. Water Supply Information - PT = Pressure Tank, TP = Tank with Pump, CWP = City Water with Pump, CW = City Water											
System 1	CW	System 2		System 3		System 4		System 5		System 6	

11. Drain Tests									
	Size	Static Before	Residual	Static After		Size	Static Before	Residual	Static After
System 1	2"	105	95	105	System 4				
System 2					System 5				
System 3					System 6				

12. Trip Tests										
	Pressure Before Test		Test Orifice		Control Valve # Turns Open	Valve Tripped At		Full Flow - Time For Water at ITC	Quick Opening Devices	
	Air	Water	Size	Location		PSI Air	Time		Manuf / Model	Trip Time
System 1										
System 2										
System 3										
System 4										
System 5										
System 6										

13. Comments - *Explain all "no" answers here. Attach additional sheets if necessary.

Sh The valve was last trip tested 4-1-08

Se unknown

CC There is no low air alarm