

Sprinkler Systems, Inc.

Contractor's Material & Test Certificate for Aboveground Pipe

Procedure

Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners, and contractor. It is understood the owner's representative signature in no way prejudices any claim against contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

Property Name Murray House	Job# 12111	Date	June 17, 2013
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Property Address
104 North Street, Portland, Maine 04101

Plans	Accepted by approving authorities (Names) State Fire Marshal's Office Address 45 Commerce Drive, Suite #1, Augusta, Maine 04330 Installation conforms to accepted plans Equipment used is approved, if no, explain deviations	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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Instructions	Has person in charge of fire equipment been instructed as to location of control valve and care and maintenance of this new equipment? If no, explain:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Have copies of the following been left on the premises?	
	1. System components instructions	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	2. Care and maintenance instructions	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	3. NFPA 25	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Location of System
Supplies Buildings: Entire Building

	Make	Model	Year of Mfg.	Orifice Size	Quantity	Temp Rating
Sprinklers	Reliable Res Conc Pend	RFC 49	2013	4.9	34	155°F
	Reliable Res HSW	F1RES44	2013	4.4	2	155°F

Pipe and Fittings	Type of pipe ASTM & N.F.P.A.	Type of fittings ASTM & N.F.P.A.
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Alarm Valve or Flow Indicator	Alarm Device			Maximum time to operate through test connection	
	Type	Make	Model	Min	Sec
	Flow	Potter	VSR-S	0	30

Dry Pipe Operating Test	Dry Valve				QOD		
	Make	Model	Serial #	Make	Model	Serial #	
	Time to trip through test connection	Water Pressure	Air Pressure	Trip Point Air Pressure	Time Water Reached Test Outlet	Alarm Operated Properly	
	With QOD	MIN SEC	PSI	PSI	MIN SEC	YES NO	
	W/O QOD	MIN SEC	PSI	PSI	MIN SEC	YES NO	
If no, explain:							

Deluge & Preaction Valve	Operation: <i>Circle One:</i> Pneumatic Electric Hydraulic							
	Piping Supervised Yes No		Detecting Media Supervised				Yes No	
	Does valve operate from the manual trip, remote, or both control stations?						Yes	No
	Is there an accessible facility in each circuit for testing? If no, explain.						Yes	No
	Make	Model	Does each circuit operate supervision loss alarm?		Does each circuit operate valve release?		Maximum time to operate release	
			Yes	No	Yes	No	Min	Sec
Pressure Reducing Valve	Location & Floor	Make & Model	Setting	Static Pressure Inlet (psi) Outlet (psi)		Residual Pressure Inlet (psi) Outlet (psi)		Flow Rate Flow (gpm)
Test Description	<p>HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars for 2 hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.2 bars) for 2 hours. Differential dry-pipe valve clappers shall be left open during the test to prevent damage. All aboveground piping leakage shall be stopped.</p> <p>PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and drop, which will not exceed 1 1/2 psi (.01 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop, which shall not exceed 1 1/2 psi (.01 bars) in 24 hours.</p>							
Tests	All piping hydrostatically tested at <u>200</u> psi (<u> </u> bars) for <u>2</u> hours						If no, state reason:	
	Dry piping pneumatically tested (<i>check one</i>) NA <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>							
	Equipment operates properly (<i>check one</i>) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
	Do you certify as the sprinkler contractor that additives and corrosive chemicals, sodium silicate or derivatives or sodium silicate, brine, or other corrosive chemicals were not used for testing systems or stopping leaks?						<i>Check one:</i> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	Drain Test: Reading of gauge located near water supply test connection: <u>45</u> psi (<u> </u> bars)						Residual pressure with valve in test connection open wide: <u>25</u> psi (<u> </u> bars)	
Hydraulic Data Nameplate <input type="checkbox"/>	Nameplate provided: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		If no, explain: Existing					
Remarks	Date left in service with all control valves open: <u>6-18-13</u>							
Signatures	Sprinkler Contractor: Sprinkler Systems, Inc. P.O. Box 1285 Lewiston, Maine 04243-1285 Phone: 207-782-0104 Fax: 207-783-4865							
	Property Owner Signature			Title			Date	
				own			6/18/13	
Sprinkler Contractor Signature			Title			Date		
			pipe fitter			6-18-13		

Additional Explanations and Notes:
