

# Sprinkler Systems, Inc.

P.O. Box 1285

Lewiston, Maine 04243-1285

Ph. (207) 782-0104 Fax (207) 783-4865

*Fire Protection Professionals Since 1973*

December 10, 2012

Portland Fire Department  
380 Congress Street  
Portland, ME 04101

Attn: Captain Chris Pirone

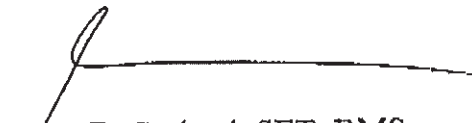
Re: Apothecary By Design  
141 Preble Street  
Portland, ME

Dear Captain Pirone,

This letter is to certify that the sprinkler system in the renovated areas of the aforementioned location is active and is designed and installed in accordance with NFPA #13 and all other state and local codes.

If there are any questions or concerns please do not hesitate to call.

Very truly yours,  
Sprinkler Systems, Inc.



Scott E. Garland, SET, RMS  
Project Manager

# 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.

<b>Property Name</b> APARTMENTS BY DESIGN	<b>Date</b> 12-10-12
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**Property Address**  
141 PRODU STRBOT PORTLAND, ME 04101

<b>Plans</b>	Accepted by approving authorities (Names) CITY OF PORTLAND FD	
	Address 300 CONLANS ST PORTLAND, ME 04101	
	Installation conforms to accepted plans	<input checked="" type="radio"/> Yes <input type="radio"/> No
	Equipment used is approved, if no, explain deviations	<input checked="" type="radio"/> Yes <input type="radio"/> No

<b>Instructions</b>	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:	<input checked="" type="radio"/> Yes <input type="radio"/> No
	Have copies of the following been left on the premises? 1. System components instructions 2. Care and maintenance instructions 3. NFPA 25	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes <input type="radio"/> No

**Location of System**  
Supplies Buildings: NEW RENOVATIONS

Sprinklers	Make	Model	Year of Mfg.	Orifice Size	Quantity	Temp Rating
	RELIABLE	RA-REL-1500	FR-56	2012	1/2"	1
RELIABLE	RA-UM	FR-56	2012	1/2"	3	1550
RELIABLE	URB	"C"	2012	1/2"	2	1650
RELIABLE	RA-HSW	FR-56	2012	1/2"	1	1550

<b>Pipe and Fittings</b>	Type of pipe NFPA & ASTM	Type of fittings NFPA & ASTM
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<b>Alarm Valve or Flow Indicator</b>	Alarm Device			Maximum time to operate through test connection	
	Type	Make	Model	Min	Sec

<b>Dry Pipe Operating Test</b>	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	PSI	MIN SEC	YES NO
	W/O QOD	MIN SEC	PSI	PSI	PSI	MIN SEC	YES NO

If no, explain: N/A

Dehage & Preaction Valve	Operation: <u>Circle One:</u> Pneumatic Electric Hydraulic		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><b>HYDROSTATIC:</b> 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><b>PNEUMATIC:</b> 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>								
N/A Tests	All piping hydrostatically tested at _____ psi ( _____ bars) for _____ hours						If no, state reason: _____		
	Dry piping pneumatically tested ( <u>circle one</u> )						Yes No		
	Equipment operates properly ( <u>circle one</u> )						Yes No		
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?							<u>Circle one:</u> Yes No		
<del>Drain Test:</del> Reading of gauge located near water supply test connection: _____ psi ( _____ bars)						Residual pressure with valve in test connection open wide: _____ psi ( _____ bars)			
Hydraulic Data Nameplate	Nameplate provided: Yes <u>No</u>		If no, explain: <b>Not Required</b>						
Remarks	Date left in service with all control valves open: <b>12-10-12</b>								
Signatures	<b>Sprinkler Contractor:</b> Sprinkler Systems, Inc. P.O. Box 1285 Lewiston, Maine 04243-1285 Phone: 207-782-0104 Fax: 207-783-4865								
	Property Owner Signature			Title			Date		
	Sprinkler Contractor Signature			Title			Date		
Additional Explanations and Notes:									