

# Sprinkler Systems, Inc.

P.O. Box 1285

Lewiston, Maine 04243-1285

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

*Fire Protection Professionals Since 1973*

April 21, 2020

Phil Engel  
EJ Construction, Inc  
10C Beach St  
Portland, ME 04101

RE: 8 Hill St Condominiums

Phil,

This letter is to certify that the sprinkler system in 8 Hill St Condominiums project located at this address in Portland, ME is designed and installed in accordance with NFPA 13R Standards and the State of Maine.

Thank you again and please don't hesitate to contact us with any questions you may have.

Very truly yours,  
Sprinkler Systems, Inc.



Jonathan Blanchard  
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> 8 HILL STREET	<b>Date</b> 01/08/2020
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**Property Address**  
8 Hill St. Portland, ME 04103

<b>Plans</b>	Accepted by approving authorities (Names) Maine State Fire Marshals Office Address 52 State House Station Augusta, Maine 04333-0052 Installation conforms to accepted plans <span style="float: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></span> Equipment used is approved, if no, explain deviations <span style="float: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></span>
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<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? <span style="float: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></span> If no, explain:  Have copies of the following been left on the premises? 1. System components instructions <span style="float: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></span> 2. Care and maintenance instructions <span style="float: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></span> 3. NFPA 25 <span style="float: right;">Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></span>
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**Location of System**  
Supplies Buildings: Entire Building, Excluding front awning.

	Make	Model	Year of Mfg.	Orifice Size	Quantity	Temp Rating
<b>Sprinklers</b>	Reliable	F1FR	2019	1/2"	24	155 Deg.
	Reliable	F1FR	2019	1/2"	13	155Deg.

<b>Pipe and Fittings</b>	Type of pipe CPVC	Type of fittings CPVC
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<b>Alarm Valve or Flow Indicator</b>	<b>Alarm Device</b>			Maximum time to operate through test connection	
	Type	Make	Model	Min	Sec
	Flow switch	Potter	Vsr-f		

<b>Dry Pipe Operating Test</b>  <b>N/A</b>	<b>Dry Valve</b>			<b>QOD</b>		
	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
W/O QOD	MIN SEC	PSI	PSI	PSI	MIN SEC	
If no, explain:						

Deluge & Preaction Valve N/A	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 N/A	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>									
	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"/>				
<b>Drain Test:</b> Reading of gauge located near water supply test connection: _____ psi ( <u>      </u> bars)						Residual pressure with valve in test connection open wide: _____ psi ( <u>      </u> bars)				
Hydraulic Data Nameplate	Nameplate provided: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				If no, explain:					
Remarks	Date left in service with all control valves open:									
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		
	X 				Contractor Manager			4/17/20		
Sprinkler Contractor Signature				Title			Date			
X 										

Additional Explanations and Notes:

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