



December 11, 2018

Portland Fire Department
380 Congress Street
Portland, ME 04101

Re: Bramhall Row – 749 Congress Street – Fire Sprinkler System Installation

Fire Prevention:

Life Safety Fire Protection has completed the installation of an NFPA 13R compliant residential fire sprinkler system at 749 Congress Street in Portland, ME. The system was tested and inspected on 12/11/2018 and was found to meet the minimum design requirements for NFPA 13R and was installed as per the approved plans. Please note that the owner is responsible for yearly inspection and testing as required by NFPA 13R.

Sincerely,

Jeffrey Denis, CET
Vice President / Senior Estimator
Life Safety Fire Protection, Inc.

S p r i n k l e r S y s t e m D e s i g n & I n s t a l l a t i o n
97 Lower Jaffrey Road • Dublin • N.H. 03444 • Tel: (603) 563-7700 • Fax: (603) 563-7070
Toll Free: 877-433-3300 • email: sales@lifesafetyfire.com • www.lifesafetyfire.com

CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR ABOVEGROUND PIPING

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's 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	BROADMILL ROAD	DATE	12/14/2018				
PROPERTY ADDRESS	749 CONGRESS STREET						
PLANS	Accepted by approving authorities (names) PORTLAND FIRE DEPT.						
	Address PORTLAND, ME						
	Installation conforms to accepted plans		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
	Equipment used is approved If no, explain deviations		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
INSTRUCTIONS	Has the person in charge of fire equipment been instructed as to location of control valves 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 2. Care and maintenance instructions 3. NFPA 25						
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Location of System		Supplies Buildings					
Sprinklers	Make	Model	Year of Manufacture	Orifice Size	Quantity	Temperature Rating	
	RELIABLE	RECH9	2018	4.9	106	155	
	RELIABLE	FIREST/44	2018	4.4	10	155	
	TYCO	1 1/2" RECH9	2018	4.9	21	155	
Pipe and Fittings	Type of Pipe CPVC			Type of Fittings CPVC			
	Alarm Device			Maximum time to operate through test connection			
Alarm Valve or Flow Indicator	Type	Make	Model	Min	Sec		
	Flow	FORSTER	VSIC				
	Dry Valve			Q.O.D.			
Dry Pipe Operating Test	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
		Min Sec	PSI	PSI	PSI	Min Sec	Yes No
	Without QOD						
With QOD							
If no, explain							

*Measured from time inspector's test connection is opened.

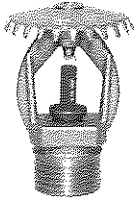
Deluge and Preaction Valves <i>NA</i>	Operation <input type="checkbox"/> Pneumatic <input type="checkbox"/> Electric <input type="checkbox"/> Hydraulic					
	Piping Supervised <input type="checkbox"/> Yes <input type="checkbox"/> No	Detecting media supervised <input type="checkbox"/> Yes <input type="checkbox"/> No				
	Does valve operate from the manual trip, remote, or both control stations Yes <input type="checkbox"/> No <input type="checkbox"/>					
	Is there an accessible facility in each circuit for testing Yes <input type="checkbox"/> No <input type="checkbox"/> If no, explain					
Make	Model	Does each circuit operate supervision loss alarm?	Does each circuit operate valve release?		Maximum time to operate release	
		Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Min	Sec
Test Description 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. PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure drop, which shall not exceed 1 1/2 psi (0.1 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 (0.1 bars) in 24 hours.						
Tests	All piping hydrostatically tested at <u>200</u> psi (<u> </u> bars) for <u>2</u> hrs					If no, state reason
	Dry piping pneumatically tested <u>NA</u> Yes <input type="checkbox"/> No <input type="checkbox"/>					
	Equipment operates properly 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 of sodium silicate, brine, or other corrosive chemicals were not used for testing systems or stopping leaks? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
	DRAIN TEST		Reading of gauge located near water supply test connection: <u> </u> psi (<u> </u> bars)		Residual pressure with valve in test connection open wide: <u> </u> psi (<u> </u> bars)	
	Underground mains and lead in connections to system risers flushed before connection made to sprinkler piping					
	Verified by copy of the U form No. 85B		Yes <input type="checkbox"/> No <input type="checkbox"/>	Other <input checked="" type="checkbox"/>		Explain
Flushed by installer of underground sprinkler piping		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
If power-driven fasteners are used in concrete, has representative sample testing been satisfactorily completed? <u>NA</u>		Yes <input type="checkbox"/> No <input type="checkbox"/>	if no, explain			
Cutouts (Discs)	Do you certify that you have a control feature to ensure that all cutouts (discs) are retrieved? <u>NA</u>				Yes <input type="checkbox"/> No <input type="checkbox"/>	
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	Name of Sprinkler Contractor <u>LIFE SAFETY FIRE PROTECTION, INC.</u>					
	TESTS WITNESSED BY					
	For Property Owner (Signed)	Title <u> </u>		Date <u>12-18-18</u>		
For Sprinkler Contractor (Signed)	Title <u>Foreman</u>		Date <u>12-18-2018</u>			
Additional Explanation and Notes						

Dan Banker
Owner

39 Jackson Road
Poland Springs, ME 04274

Mobile: 207-838-8930

Banker39@roadrunner.com



Alternative Sprinkler Fire Protection

INSTALLATION • SERVICE • INSPECTIONS

12/18/18

Attention: John Brennan, Fire Captain City Of Portland Fire Prevention

RE: 749 Congress Street Bramhall Row, Units 1 and 7
Portland Maine, 04102

The project above units 1 and 7 have been completed and are ready for certificate of occupancy. Alternative Sprinkler Fire Protections has tested and inspected per NFPA 13R requirements. Units 2 through 6 will be completed at a later date. Please find this letter satisfactory as a completion letter for this project

Thank you and have a great day,

Dan