

# 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.

<b>PROPERTY NAME</b>	5-7 CUMBERLAND AVE				<b>DATE</b>	10/5/2018			
<b>PROPERTY ADDRESS</b>	PORTLAND, ME								
<b>PLANS</b>	Accepted by approving authorities (names) MAINE FIRE MARSHALS OFFICE + 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"/>
<b>INSTRUCTIONS</b>	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					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"/>
<b>Location of System</b>	Supplies Buildings								
<b>Sprinklers</b>	Make	Model	Year of Manufacture	Orifice Size	Quantity	Temperature Rating			
	RELIABLE	F1R55U	2018	5.6	25	155			
	RELIABLE	F1CES/44	2018	4.4	18	155			
	RELIABLE	REC49	2018	4.9	29	155			
	RELIABLE	DH36	2018	5.6	2	155			
<b>Pipe and Fittings</b>	Type of Pipe BLACK STEEL / CPVC								
	Type of Fittings CAST IRON GROOVED / CPVC								
<b>Alarm Valve or Flow Indicator</b>	Alarm Device				Maximum time to operate through test connection				
	Type	Make	Model	Min	Sec				
	FLOW	POTTEL	ISR	0	0:34				
<b>Dry Pipe Operating Test</b> NA	Dry Valve				Q.O.D.				
	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>N/A</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? Yes <input type="checkbox"/> No <input type="checkbox"/>	Does each circuit operate valve release? Yes <input type="checkbox"/> No <input type="checkbox"/>	Maximum time to operate release Min Sec	
<p><b>Test Description</b></p> <p><b>HYDROSTATIC:</b> Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for 2 hours or 60 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 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.</p>						
Tests	All piping hydrostatically tested at <u>200</u> psi ( <u>13.6</u> bars) for <u>2</u> hrs				If no, state reason	
	Dry piping pneumatically tested		Yes <input type="checkbox"/>	No <input type="checkbox"/>		
	Equipment operates properly		Yes <input 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"/>					
	<b>DRAIN TEST</b>	Reading of gauge located near water supply test connection: <u>40</u> psi ( <u>2.7</u> bars)		Residual pressure with valve in test connection open wide: <u>30</u> psi ( <u>2.0</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	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?		Yes <input type="checkbox"/>	No <input type="checkbox"/>	If no, explain		
<b>Cutouts (Discs)</b>	Do you certify that you have a control feature to ensure that all cutouts (discs) are retrieved?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<b>Hydraulic Data Nameplate</b>	Nameplate Provided	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If no, explain		
<b>Remarks</b>	Date left in service with all control valves open					
Signatures	Name of Sprinkler Contractor <u>HIRE SAFETY FIRE PROTECTION, INC.</u>					
	<b>TESTS WITNESSED BY</b>					
	For Property Owner (Signed)	Title		Date		
	For Sprinkler Contractor (Signed)	Title <u>Foreman</u>		Date <u>10/5/2018</u>		
<b>Additional Explanation and Notes</b>						

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Will email SIGNED copy



**State of Maine**  
**Department of Public Safety**  
**Fire Sprinkler System Permit**



# FSP13879

7 CUMBERLAND AVE

Located at:	7 CUMBERLAND AVE
In the Town of:	PORTLAND
Occupancy/Use:	Residential
Type of System:	NFPA 13R

Permission is hereby given to:

**LIFE SAFETY FIRE PROTECTION**  
 Contractor License # FSC325

to begin installation according to plans submittal approved by the Office of State Fire Marshal. No departure from the application submittal shall be made without prior approval in writing. This permit is issued under the provisions of Title 32, Chapter 20, Section 1337. Nothing herein shall excuse the holder of this permit from failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions. This permit shall be displayed at the construction site or be made readily available.

Permit issued 5/25/2018

Permit expires at midnight on 11/24/2018

*The expiration date applies only if the installation has not begun by that date and no permission has been granted to extend the date. Once installation begins, then the permit is valid as long as work is continuous.*

John E. Morris  
 Commissioner

**The type of Fire Department Connection and its location is to be according to the Local Fire Department.**

Within 30 days of the completion of a new fire sprinkler system or an addition to an existing fire sprinkler system, a sprinkler system contractor shall provide to the commissioner a copy of the permit signed by the certified responsible managing supervisor representing that the fire sprinkler system has been installed according to specifications of the approved plan.

Inspection Dates: 10/5/2018

Job completed, tested and verified by date of 10/5/2018

RMS for this job: Denis Jeffrey G.

RMS Signature \_\_\_\_\_

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT



PERMIT ID: FIRE2018-00124

ISSUE DATE: 10/3/2018

CBL: 014 C017001

This is to certify Michael Boissoneau located at 5 CUMBERLAND AVE has permission to:

Installation of new NFPA 13R fire sprinkler system

provided that the person or persons, firm, or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance, and use of the building and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 hour notice is required.

A final inspection must be completed before this building or part thereof is occupied. If a certificate of occupancy is required, it must be procured prior to occupancy.

Handwritten signature of Michael A. Boissoneau in black ink.

Director

PERMIT ID: FIRE2018-00124

ADDRESS: 5 CUMBERLAND AVE

CBL: 014 C017001

## BUILDING PERMIT INSPECTION PROCEDURES

Visit Citizen Self Service to schedule your inspection online and apply for subpermits

With the issuance of this Permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Division for the inspections listed below. Appointments must be requested at least 48 to 72 hours in advance. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that are attached to this permit.
- Permits expire in 6 months if the project is not started or ceases for 6 months.
- If the inspection requirements below are not followed, then additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.
- Per Section 107.3.1 of the Maine Uniform Building and Energy Code (MUBEC), one set of printed approved stamped construction documents will be kept at the site of work and open inspection by.

### REQUIRED INSPECTIONS:

FP Extinguishing Sys Acceptance Test

The project cannot move to the next phase prior to the required inspection and approval.

If the permit requires a certificate of occupancy, it must be paid and issued to the owner or designee before the space may be occupied.

PERMIT ID: FIRE2018-00124

ADDRESS: 5 CUMBERLAND AVE

CBL: 014 C017001

<b>City of Portland, Maine - Building Permit</b> 389 Congress St, 04101 Tel: (207) 874-8703 Fax: (207) 874-8716		<b>Permit No:</b> FIRE2018-00124	<b>Applied Date:</b> 9/25/2018	<b>CBL:</b> 014 C017001
<b>Proposed Use:</b> Apartments		<b>Proposed Project Description:</b> Installation of new NFPA 13R fire sprinkler system		

**Department:** Fire                      **Status:** Approved with Conditions                      **Reviewer:** David Petruccelli                      **Approval Date:** 10/3/2018

**Conditions:**

- 1 All construction shall comply with 2009 NFPA 1, Fire Code.
- 2 All construction shall comply with 2009 NFPA 101 Life Safety Code, Chapter #43 and all other applicable chapters.
- 3 Dry sidewall heads shall be installed at 1st floor level, below deck above. Dry sidewall heads shall be installed on 3rd level for deck area.
- 4 Per City Code Chapter 10 section 10-18 (h), all structures with a life safety signaling system (fire alarm) or a fire suppression system (sprinkler) shall have a Knox Box. All keys required to access the building and operate the fire alarm or suppression system shall be maintained in the box.
- 5 Review and approval by the AHJ shall not relieve the applicant of the responsibility of compliance with NFPA 1 Fire Code (2009).
- 6 Shall meet the requirements of NFPA 13R. See Portland Fire Department Rules and Regulations.

**PERMIT ID:** FIRE2018-00124

**ADDRESS:** 5 CUMBERLAND AVE

**CBL:** 014 C017001

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