

# HIGH TECH FIRE PROTECTION

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## NFPA Letter of Compliance

Date: October 17, 2016

To: Landry French Construction

From: Ed Poulin

Re: Sprinkler System NFPA Compliances for Seaport Lofts Apartments located at 113 Newbury Street, Portland, ME

High Tech Fire Protection hereby guarantees the materials and workmanship supplied by High Tech Fire Protection on the project entitled Seaport Lofts Apartments located at 113 Newbury Street, Maine to meet the requirements necessary for an approved NFPA #13 2010 edition Fire Sprinkler System.

Ed Poulin  
High Tech Fire Protection  
207-998-2551  
[epoulin@htfp.me](mailto:epoulin@htfp.me)

*Specializing in Commercial and Residential Fire Sprinkler Systems  
Design • Installation • Inspection • Service*



State of Maine  
Department of Public Safety



Fire Sprinkler System Permit

# FSP11935

SEAPORT LOFTS

Located at: 113 NEWBURY STREET  
In the Town of: PORTLAND  
Occupancy/Use: Apartments  
Type of System: NFPA 13

Permission is hereby given to:

**HIGH TECH FIRE PROTECTION CO., INC.**  
Contractor License # FSC102

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 7/15/2015

Permit expires at midnight on 01/14/2016

*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: 5-18-16, 7-19-16, 8-17-16

Job completed, tested and verified by date of  
10-13-16

RMS for this job: Poulin Edward M.

# 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 contractors. 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 **SEAPORT LOFTS APARTMENTS** DATE 10/17/16

PROPERTY ADDRESS **113 NEWBURY STREET PORTLAND, ME**

PLANS ACCEPTED BY **State of Maine Fire Marshal's Office**  
 ADDRESS **.45 Commerce Drive Suite 1 Augusta, ME 04330**  
 Installation conforms to accepted plans  Yes  No  
 Equipment used is approved If no, explain deviations.  Yes  No

INSTRUCTIONS Has person in charge of fire equipment been instructed as to location of control valves and care and maintenance of this new equipment?  Yes  No  
 If no, explain?  
 Has copies of the following been left on the premises?  
 1. System components instructions  Yes  No  
 2. Care and maintenance instructions  Yes  No  
 3. NFPA 25 (Owners Manual)  Yes  No

LOCATION OF SYSTEM Supplies buildings **ENTIRE BUILDING NFPA 13 WET/ DRY**

SPRINKLERS	MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE/K-FACTOR	QUANTITY	TEMPERATURE RATING
	RELIABLE	F3QR DRY PENDENT		2016	K 5.6	97
RELIABLE	RFC56 RES PEND.		2016	K 5.6	488	155°
RELIABLE	F3QR DRY HSW		2016	K 5.6	51	200°
RELIABLE	F1FR56 UP, HSW		2016	K 5.6	17	155° & 200°
RELIABLE	G5-56 PENDENT		2016	K 5.6	9	155°
GLOBE	GL5601 PENDENT		2016	K 5.6	52	200°

PIPING & FITTINGS Type of pipe **BLACK IRON / CPVC**  
 Type of fittings **BLACK IRON / CPVC**

ALARM VALVE OR FLOW INDICT.	Alarm Device			Maximum time to operate through test connection.	
	Type	Make	Model	Minutes	Seconds
(Wet)	Vane	System Sensor	WFD 40		25
(Dry)	Pressure	System Sensor	EPS 10-2		2

DRY PIPE OPERATION TEST	Dry valve			Q.O.D.						
	Make	Model	Serial no.	Make	Model	Serial no.				
	Asna	E	9F16	NA	NA	NA				
	Time to trip through test connection <sup>1</sup>		Water pressure	Air pressure	Trip point air pressure		Time water reached test outlet <sup>1</sup>		Alarm operated properly	
	Minutes	Seconds	Psi	Psi	Psi		Minutes	Seconds	Yes	No
Without Q.O.D.		28	80	39	15			50	X	
With Q.O.D.	NA	NA								

If no, explain

DELUGE & PREACTION VALVES Operation  Pneumatic  Electric  Hydraulic  
 Piping 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?  Yes  No If no, explain.  

Make	Model	Does each circuit operate supervision loss alarm?		Does each circuit operate valve release?		Maximum time of operate release	
		Yes	No	Yes	No	Minutes	Seconds

PRESSURE REDUCING VALVES	Location and floor	Make & Model	Setting	Static Pressure		Residual Pressure (flowing)		Flow rate
				Inlet (psi)	outlet (psi)	Inlet (psi)	outlet (psi)	Flow (gpm)

<sup>1</sup> Measured from time inspector's test connection is opened.