



Permitting and Inspections Department  
Michael A. Russell, MS, Director

## Water-Based Fire Suppression System Permit Application

A permit is required for water-based fire suppression systems. Full-sized plans and details in PDF format and this application form shall be submitted to [permitting@portlandmaine.gov](mailto:permitting@portlandmaine.gov). Prior to acceptance of any fire protection system, a complete commissioning and acceptance test must be coordinated with all fire system contractors and the Fire Department, and proper documentation of such test(s) provided.

Construction Address: 443 Congress Street (4th - 7th Apartment Fit-Up)

Tax Assessor's CBL: 027 001 Sprinkler installation cost: \$69,872.00  
Chart # Block # Lot #

State Sprinkler License No.: FSC511 State Sprinkler Permit/Log No.: FSP13134

Life Safety Code Occupancy Classification: FSP13134

Applicant Name: Residential Fire Protection

Address: 64 Daggett Hill Road

City, State & Zip: Greene, Maine 04236

Phone: (207) 946-3473 Email: scamic@rfpllc.net

Lessee/Owner Name (if different from applicant): JJR 443 CONGRESS LLC

Address: 17 SOUTH ST

City, State & Zip: PORTLAND, ME 04101

Phone: (207) 780-0223 Email: brad@northlandus.com

Contractor Name (if different from applicant):

Address:

City, State & Zip:

Phone: Email:

The suppression work to be done will be:  New  Renovation  Addition to existing system

Will the system be a combination sprinkler and standpipe system?

The water supply is:  Municipal  Pump and tank  Other

Name of person to contact when permit is ready: Stan Camic

Address: 64 Daggett Hill Road

City, State & Zip: Greene, Maine 04236

Phone: (207)946-3473 Email: scamic@rfpllc.net

Permits for water-based fire suppression systems are subject to the following:

- A copy of the state sprinkler permit with RMS sign-off is required prior to the final inspection.
- The design shall comply with City Code Chapter 10 and Fire Department Regulations Chapter 6.
- All installations must comply with NFPA and the Fire Department Technical Standards.



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**The following checklists are to be completed, as applicable:**

**NFPA 13D sprinkler** (Rooming and Lodging and Small Residential Board and Care only)

What edition of NFPA 13D is system designed to?

Is the building part of a mixed occupancy?

Will all the habitable areas and closets be sprinklered?

Will the entrance foyers be sprinklered?

Is there a multipurpose room?

Does the system use pex piping?

Will the water supply meet the requirements for a two-family dwelling?

Will water flow activate the fire alarm system?

Will the valves be electrically supervised?

Has a city plumbing permit been issued?  Permit No.:

**NFPA 13R sprinkler**

What edition of NFPA 13R is the system designed to?

Building construction type:

Will the sprinkler system provide complete or partial coverage of the building?

Will covered exterior balconies, decks and ground floor patios be sprinklered?

Size of riser assembly:

Fire department connection – number of 2 1/2" inlets:

Electrical supervision will be provided via the fire alarm system per NFPA 101:9.7.2:

Is the nearest fire hydrant within 100 feet of the FDC?

The completed *Contractor's Material and Test Certificate for Aboveground Piping* shall be provided at the completion of the job:

**NFPA 13 sprinkler**

What edition of NFPA 13 is the system designed to?

Building construction type:

Will the sprinkler system provide complete or partial coverage of the building?

System type (see NFPA 13:3.4):

NFPA 13 Occupancy Classification (Hazard):

Is the structure high-rise (see NFPA 101:3.3.32.7):

Size or rise assembly:

Fire department connection – number of 2 1/2" inlets:

Electrical supervision will be provided via the fire alarm system per NFPA 101:9.7.2:

Is the nearest fire hydrant within 100 feet of the FDC?

The completed *Contractor's Material and Test Certificate for Aboveground Piping* shall be provided at the completion of the job:



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**NFPA 14 standpipe**

What edition of NFPA 14 is the system designed to? Existing

Class of standpipe: \_\_\_\_\_

Is the system automatic or manual? \_\_\_\_\_

Is the system wet or dry (see NFPA 14:5.4.1.4)? \_\_\_\_\_

Is the structure high-rise (see NFPA 101:3.3.32.7)? \_\_\_\_\_

Minimum residual pressure for the most remote hose connection (see NFPA 14:7.8.1 and 7.8.1): \_\_\_\_\_

Maximum static pressure at hose connections (see NFPA 14:7.8.3): \_\_\_\_\_

Are floor control valve assemblies provided (see NFPA 14:6.3.5)? \_\_\_\_\_

Number of standpipes (see NFPA 14:3.3.11): \_\_\_\_\_

Minimum required flow rate (see NFPA 14:7.10): \_\_\_\_\_

Fire department connection – number of 2 1/2" inlets (see NFPA 14:7.12.3): \_\_\_\_\_

Pressure required at the FDC inlets to deliver the system demand (see NFPA 14:6.4.5.2.2): \_\_\_\_\_

Is the nearest fire hydrant within 100 feet of the FDC (see NFPA 14:6.4.5.4)? \_\_\_\_\_

The completed *Contractor's Material and Test Certificate for Aboveground Piping* shall be provided at the completion of the job: \_\_\_\_\_

**NFPA 20 fire pump** (not required for NFPA 13D systems)

What edition of NFPA 20 is the system design to? \_\_\_\_\_

What is the water source? \_\_\_\_\_

Is the pump and associated equipment listed for fire service? \_\_\_\_\_

What is the minimum flow rate? \_\_\_\_\_

What is the pump driver type? \_\_\_\_\_

Is the pump design less than 7 hp? \_\_\_\_\_

If less than 7 hp, does the pump have a general listing and has its use been approved by the State Fire Marshal's Office? \_\_\_\_\_

Will the equipment be protected in accordance with NFPA 14:5.12? \_\_\_\_\_

Is the pump installed at least 50 feet from the protected premises? \_\_\_\_\_

If not, what is the fire resistance separation provided (see NFPA 14:5.12.1.1)? \_\_\_\_\_

**NFPA 24 private fire mains and hydrants**

All information shall be provided per NFPA 24:4.1.3 prior to construction: \_\_\_\_\_

Design/installation shall comply with City Code Ch. 10 and Fire Department Regulations Ch. 2: \_\_\_\_\_

What is the minimum fire main size serving a fire hydrant? \_\_\_\_\_

What is the minimum fire flow available from the water supply? \_\_\_\_\_

The completed *Contractor's Material and Test Certificate for Underground Piping* shall be provided at the completion of the job: \_\_\_\_\_

The completed *City of Portland Test and Maintenance Report and Hydrant Flow Test Report* shall be provided at the completion of the job: \_\_\_\_\_

**Separate permits are required for internal and external plumbing and electrical installations. For questions on Fire Department requirements, call the Fire Prevention Officer at (207) 874-8405.**



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**Electronic Signature and Fee Payment Confirmation**

This is a legal document and your electronic signature is considered a legal signature per Maine state law. You will receive an e-mailed invoice from our office which signifies that your electronic permit application has been received and is ready for payment. Please pay by one of the following:

- Electronic check or credit card: [portlandmaine.gov/payyourpermit](http://portlandmaine.gov/payyourpermit)
- Over the phone at (207) 874-8703
- Drop off to Room 315, City Hall
- Mail to:

**City of Portland  
Permitting and Inspections Department  
389 Congress Street, Room 315  
Portland, Maine 04101**

By signing below, I understand the review process starts once my payment has been received. After all approvals have been completed, my permit will be issued via e-mail. Work may not commence until permit is issued.

Applicant Signature: \_\_\_\_\_

Date: \_\_\_\_\_

6-12-17

I have provided electronic copies and sent them on: \_\_\_\_\_

Date: \_\_\_\_\_

6-12-17

**NOTE:** All electronic paperwork must be delivered to [permitting@portlandmaine.gov](mailto:permitting@portlandmaine.gov) or with a thumb drive to the office.

**If you or the property owner owes taxes or user charges on property within the City, payment arrangements must be made before a permit application is accepted.**