



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. 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: 1 City Center Portland, Me.

Tax Assessor's CBL: 032 032 L00 L00 2001 2001 Sprinkler installation cost: 7500.00
Chart # Block # Lot #

State Sprinkler License No.: FCS101 State Sprinkler Permit/Log No.: FSP13704

Life Safety Code Occupancy Classification: Light

Applicant Name: Eastern Fire

Address: 170 Kitty Hawk Ave.

City, State & Zip: Auburn, Me. 04210

Phone: (207)70784-1207 Email: foggja@efp-efs.com

Lessee/Owner Name (if different from applicant): Claim Vantage

Address: 1 City Center

City, State & Zip: Portland, Me. 04101

Phone: Email:

Contractor Name (if different from applicant): Dirigo Management

Address: 1 City Center

City, State & Zip: Portland, Me. 04101

Phone: (207)871-1080 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: Jason Fogg

Address: 170 Kitty Hawk

City, State & Zip: Auburn, Me. 04210

Phone: (207)784-1507 Email: foggja@efp-efs.com

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 ½" 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 ½" 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?
- 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
- 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: _____

Jarin Foy

Date: _____

2/27/2018

I have provided electronic copies and sent them on: _____

Date: _____

2/27/2018

NOTE: All electronic paperwork must be delivered to 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.