

## GORHAM SPRINKLER APPLICATION

This form shall be used to file for a permit to install a sprinkler system in any building within the Town of Gorham. The owner of said building, or the sprinkler contractor may complete this application.

### APPLICANT(S) AND OWNER(S)

Name(s): \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone (business hours): \_\_\_\_\_ Home Phone \_\_\_\_\_

The applicant: \_\_\_\_\_ is the record owner of the property  
\_\_\_\_\_ holds an option to purchase the property.  
\_\_\_\_\_ has contracted to purchase the property.  
\_\_\_\_\_ is the agent for the owner (provide owner's signature on application or letter from owner).  
\_\_\_\_\_ Is the sprinkler contractor installing the system.  
\_\_\_\_\_ holds a lease on the property. List name, address and telephone of owner(s):  
\_\_\_\_\_  
\_\_\_\_\_

Person to contact if different from applicant:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone (business hours): \_\_\_\_\_ Home Phone \_\_\_\_\_

### PROPERTY

Address or Location: \_\_\_\_\_

Tax Map \_\_\_\_\_ Lot No. \_\_\_\_\_

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Existing Use \_\_\_\_\_

If application is for an existing building, does existing building have a sprinkler system? Yes \_\_\_ No \_\_\_

If yes, what type of system? NFPA 13 \_\_\_ NFPA 13D \_\_\_ NFPA 13R \_\_\_ Other \_\_\_\_\_

Proposed Use (Please describe in detail the proposed use of the property and any proposed structures.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Proposed Alterations or Additions to the Building

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Estimated Cost of Addition or Alterations: \_\_\_\_\_

Is the Estimated Cost of Additions or Alterations from a Contractor? Yes \_\_\_\_\_ No \_\_\_\_\_

Assessed Value of Building only by Town of Gorham Assessing Records: \_\_\_\_\_

Number of Occupant Units in Building: \_\_\_\_\_ Will Additional Units be Added? Yes \_\_\_ No \_\_\_\_\_

If yes, how many \_\_\_\_\_

List all Hazardous Materials and their quantities stored or used in building

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Is Building Served By Public Water? Yes \_\_\_\_\_ No \_\_\_\_\_

Structure exterior dimensions (Maximum):

Existing - Width (ft) \_\_\_\_\_ Length (ft) \_\_\_\_\_ Height (feet) \_\_\_\_\_ Number of Stories \_\_\_\_\_

Proposed - Width (ft) \_\_\_\_\_ Length (ft) \_\_\_\_\_ Height (feet) \_\_\_\_\_ Number of Stories \_\_\_\_\_

No. of rooms \_\_\_\_\_ Existing Total Cubic Feet in Volume including attic to ridge pole \_\_\_\_\_

Proposed total cubic feet in volume including attic to ridge pole \_\_\_\_\_.

Name of sprinkler Contractor \_\_\_\_\_

Estimated Cost of Sprinkler System: \_\_\_\_\_ Estimate Given by: \_\_\_\_\_

Type of System to be installed: NFPA 13 \_\_\_\_\_ NFPA 13D \_\_\_\_\_ NFPA 13R \_\_\_\_\_

Number of Risers in System \_\_\_\_\_

**I certify that the information contained in this application and in its supplements is true and correct.**

Date \_\_\_\_\_ Applicant's Signature \_\_\_\_\_

Owner's Signature, if required and other than Applicant \_\_\_\_\_

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**OFFICE USE ONLY**

Fee paid: \_\_\_\_\_ Date: \_\_\_\_\_ Collected by: \_\_\_\_\_

Date System Plans submitted \_\_\_\_\_ Date Plans Approved \_\_\_\_\_

Plans Approved By \_\_\_\_\_ Date Received State Permit \_\_\_\_\_

Date Permit Issued \_\_\_\_\_ Issued By \_\_\_\_\_

Date Test Papers Received \_\_\_\_\_ By \_\_\_\_\_

Date Certificate of Occupancy Issued \_\_\_\_\_



STATE OF MAINE  
Department of Public Safety  
Office of State Fire Marshal  
45 Commerce Drive, Suite 1  
52 State House Station  
Augusta, ME 04333-0052

JOHN ELIAS BALDACCI  
GOVERNOR

ANNE H. JORDAN  
COMMISSIONER

Tuesday, December 7, 2010

JOHN C. DEAN  
STATE FIRE MARSHAL

**Testing Requirements for NFPA 13D Systems**

Section 4.1.1. of the 2010 edition of NFPA 13D states that the installer shall provide to the owner instructions on the inspecting, testing, and maintaining of the fire sprinkler system. It is the owners responsibility to check their system. They do not have to hire a licensed inspector. So what would make up that list? I have taken a suggested list from an annex note in NFPA 13D, edited it, and placed it below. If the owner wanted to hire an inspector to check out his/her system, then the inspector could also use this list.

The annex note states that it is mostly common sense, but here is a suggested list, nearly verbatim from the annex note:

- (1) *Monthly visual inspection of all valves to ensure that they are open, (and know how to shut the water off after a sprinkler activation).*
- (2) *Monthly inspection of tanks, (if there are any), to confirm that they are full.*
- (3) *Testing of pumps , (if there are any), to make sure that they operate ok and that they don't trip circuit breakers.*
- (4) *Testing of all waterflow devices such as alarms, (if there are any), every 6 months including monitoring service, (if there is one). Note that where it appears likely that the test will result in a fire department response, notification to the alarm company and to the fire department should be made prior to the test.*
- (5) *Ongoing visual inspection of all sprinklers to make sure that they are not obstructed and that decorations are not attached or hung from them.*
- (6) *Whenever painting or home improvements are made in the dwelling unit, special attention should be paid to ensure that sprinklers are not painted or obstructed either at the time of installation or during subsequent redecoration. Sprinklers can be protected from painting with a bag, which needs to be removed as soon as the painting is finished.*
- (7) *Checking of the pressure of air used with a dry system when there is one.*
- (8) *Testing of antifreeze annually, (if there is any). Concentrations of antifreeze should be as minimal as possible to still prevent freezing.*
- (9) *Local authorities may have additional requirements.*

This is all that is necessary for inspecting, testing, and maintenance of NFPA 13D systems, except when they are used for Small Residential Board & Care buildings. In that case the guidelines of NFPA 25 need to be followed.

Please do not hesitate to contact me if there are any further questions.

Eric J Ellis, P.E.  
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**PREVENTION \* RESEARCH \* LAW ENFORCEMENT**

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(207) 626-3880 INSPECTIONS/ PLANS REVIEW

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