

51 College Road  
Durham, NH 03824  
862-1426

TOWN OF DURHAM FIRE DEPARTMENT  
FIRE PREVENTION

APPLICATION FOR  
PLAN EXAMINATION &  
PERMIT

TYPE OF REQUEST

<input type="checkbox"/> Fire Alarm System Permit	<input type="checkbox"/> Sprinkler System Permit	<input type="checkbox"/> Suppression System Permit
<input type="checkbox"/> Blasting / Explosives Permit	<input type="checkbox"/> Place of Assembly Permit	<input type="checkbox"/> Life Safety Review
<input type="checkbox"/> Pyrotechnics Permit	<input type="checkbox"/> Fireworks Permit	<input type="checkbox"/> Other _____

PROPERTY INFORMATION

Number	Street Name	Unit Number	Bldg. _____ Floor _____	Lot Number
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CONTRACTOR INFORMATION

Company Name			Telephone No.	
Number	Street Name	City	State	Zip
Contractor Name			Telephone No.	
Email Address				

DETAILED DESCRIPTION OF WORK

Estimated Start ____/____/____			Estimated Finish ____/____/____		Estimated Value \$ _____	

By signing below, I certify that all plans and specifications included with this application will be followed during construction and any changes made shall be only after notifying the Fire Inspector, that the proposed work is authorized by the owner on record, and that I have been authorized by the owner to make this application as his authorized agent and we agree to conform to all applicable laws, codes, and requirements of this jurisdiction. I also acknowledge that **the plan review process will not begin until this application has been completed in its entirety and all required supplemental information or documentation has been submitted**, that a printed permit will be issued after the fire department has completed its review of the application package, that fines and additional fees will be imposed if any work is conducted prior to the issuance of a permit, and that a minimum of 24 hours notice is required to schedule an inspection

APPLICANT: SIGNATURE PRINT NAME DATE

**CHECKLISTS & REFERENCE GUIDE**  
(see Town of Durham Ordinances for additional details)

Explosives & Blasting Operations	<p><b><u>Required with application:</u></b> Approved site plan; handler's license; certificate of insurance; vehicle trip sheet; materials inventory</p> <p><b><u>Required inspections:</u></b> Shall notify police &amp; fire departments via Strafford County Dispatch Center (603) 742-4968 prior to each blast; monitoring required; inspections as deemed necessary by Fire Chief or designee</p> <p><b><u>Required at work completion:</u></b> Seismograph readings</p> <p><b><u>Reminders:</u></b> 90 day permit expiration maximum; See Durham Blasting Requirements for further info</p>
Fire Alarm Systems	<p><b><u>Required with application:</u></b> 2 sets of plans stamped by appropriate design professional; material list and specification sheets for materials and devices being installed</p> <p><b><u>Required inspections:</u></b> System completion; acceptance test; dialer test</p> <p><b><u>Required at final inspection:</u></b> Installer's compliance certificate; systems test results certificate; proof of maintenance/service agreement.</p> <p><b><u>Reminders:</u></b> Zones by floor with separation between automatic devices (heat/smoke), manual devices (pull), and suppression systems; Annunciator required if FACP is located other than at main entrance; All devices keyed with CAT.30 locks &amp; key provided for inside Knox Box; System connected to approved monitoring agency; System shall be separate from non-life safety monitoring systems; Both Fire and Trouble signals forwarded to Strafford County Dispatch first; Elevator recall upon initiation of lobby detection; Exterior audio/visuals at each exterior door and must continue to flash and sound when FACP silence button is pressed; Knox Box located at main entrance</p>
Sprinkler System	<p><b><u>Required with application:</u></b> 2 sets of plans stamped by appropriate design professional; material list and specification sheets for materials and devices being installed; hydraulic calculations; water supply info no older than 15 months</p> <p><b><u>Required inspections:</u></b> System inspection; underground piping; 200 lb. test; inspectors test; acceptance test</p> <p><b><u>Required at final inspection:</u></b> Underground piping flush &amp; hydro test, 200 lb. test certificate, systems test results certificate, proof of maintenance/service agreement.</p> <p><b><u>Reminders:</u></b> Screened 4" Storz FDC with 30' elbow; electric bell over FDC at front of building; standpipes not to exceed 150' in each direction; connected to approved fire alarm system; Knox pad lock on PIV or OS&amp;Y chains unless monitored by FACP</p>
Suppression System	<p><b><u>Required with application:</u></b> 2 sets of plans stamped by appropriate design professional, material list and manufacturer's specification sheets for system, materials, and devices being installed</p> <p><b><u>Required inspections:</u></b> System inspection, puff test, fire alarm activation</p> <p><b><u>Required at final inspection:</u></b> Installer's compliance report, systems test results certificate, proof of maintenance/service agreement.</p> <p><b><u>Reminders:</u></b> Must be connected to an approved fire alarm system if one is present in the building</p>
Fireworks Permit	<p><b><u>Required with application:</u></b> Valid NH Certificate of Competency; valid NH License to Use, Purchase &amp; Transport; Insurance binder specifically covering blasting operations (minimum \$1 million), site plan depicting perimeter and spectator areas</p> <p><b><u>Required inspections:</u></b> As may be required per the Fire Chief</p> <p><b><u>Reminders:</u></b> Site security during removal from transport and loading must be provided by qualified person dedicated to this function only (not involved in any other tasks), otherwise a firefighter detail will be required</p>
Life Safety Review	<p><b><u>Required with application:</u></b> Existing and proposed building plans depicting egress paths, common paths of travel, travel distances, occupant loads, egress capacities, exit signs and emergency lighting</p> <p><b><u>Required inspections:</u></b> Inspection by Fire Department</p> <p><b><u>Reminders:</u></b> Must be conducted prior to occupancy upon any change of use</p>



# Durham Fire Department

51 College Road ■ Durham, New Hampshire 03824-3585

Phone 603-862-1426 ■ Fax 603-862-1513

[fire@ci.durham.nh.us](mailto:fire@ci.durham.nh.us)

*Fire, Rescue and Emergency Medical Services*

## Blasting Operation Requirements

### I PERMITS:

The following documents are required to secure a blasting permit:

- A. Valid State of New Hampshire Certificate of Competency.
- B. Valid State of New Hampshire License Use, Purchase and Transport.
- C. Insurance binder specifically covering blasting operations for one million dollars.

### II BLASTING HOURS:

Shall be from 8:00 am to 4:00 pm, Monday through Saturday, inclusively, unless otherwise stated on the permit. Blasting shall take place on the hour.

### III DURHAM DISPATCH NOTIFICATION:

The Strafford County Dispatch Center (742-4968) shall be notified fifteen minutes prior to each shooting to enable notification of municipal agencies.

### IV REASONABLE PRECAUTIONS:

Permittee shall take all reasonable precautions, including but not limited to, signage, warning signals, flags, barricades, blasting mats to cover blast area etc.

Warning signals to be used are as follows:

3 long- 5 Minutes to Detonation

2 Long – 1 Minute to Detonation

DETONATE

1 Long – All Clear

*State of New Hampshire Department of Safety's Administrative Rules*

CHAPTER Saf-C 1600 EXPLOSIVES

### Saf-C 1607.05 Pre-Blast Inspection.

(a) No blasting operation shall be conducted within 100 feet of a structure not controlled by the blaster unless a pre-blast inspection, which shall include both the interior and exterior visible and accessible walls and foundation of the structure or structures has been conducted for the purpose of recording the conditions prior to the blast.

(b) A record of the results of the inspection shall be retained for a period of at least 6 months by the blasting contractor and made available for inspection by the owner of the structure upon request.

(c) The pre-blast inspection requirement shall be considered satisfied if:

(1) The blasting contractor has made a minimum of 3 attempts to contact the owner or occupant of the structure covering at least a 48 hour period; or

(2) The owner or occupant of the structure refuses the inspection, the blasting contractor shall record and retain for a period of at least 6 months, the date, time, and if available, the name of the person giving the refusal.

(d) For the purpose of this rule, a structure shall be considered controlled by the blaster when it is owned by the blaster or the structure owner has been made aware of the requirements of this rule by the blasting contractor and has given written permission to the blaster to exceed the limit requirements of Saf-C 1625.04. In such case, the written permission shall be attached to and become part of the blasting record required under Saf-C 1607.03(b)(2).

Source. #2220, eff 12-31-82; ss by #2837, eff 8-27-84; ss by #4584, eff 3-3-89; ss by #5996, INTERIM, eff 3-3-95, EXPIRES, 7-1-95; ss by #6054, eff 7-1-95, EXPIRED: 7-1-03

\\Dfd-mail01\Shared Data\Typing\Fire Prevention\Durham Blasting Operations Requirements Revised 5/18/07 BJOS New. #8116, INTERIM, eff 7-14-04, EXPIRES: 1-10-05; ss by #8231, eff 12-20-04