



**Raleigh Fire Department**  
**Office of the Fire Marshal**  
310 West Martin Street, Suite 200  
Raleigh, NC 27602  
Phone (919) 996-6392 - Fax (919) 831-6180  
[www.raleighnc.gov/fire](http://www.raleighnc.gov/fire)

# Blasting Permit Application



## I. Subject Property

**Note:** In accordance with the provisions of the North Carolina State Fire Prevention Code, a blasting permit must be obtained before a person is authorized to do any blasting or to use any explosive for the purpose of demolishing a structure or blasting out rock, gravel, earth, trees, or any other substance or material. All information must be complete before the processing of a blasting permit application will proceed. This permit application and supporting documentation must be submitted in advance of planned blasting operations.

Location / Name:		Email:	
Address:		iMaps Parcel ID#:	
GPS #1:	GPS Format	DDD: <input type="checkbox"/>	DMS: <input type="checkbox"/> DMM: <input type="checkbox"/>
GPS # 2:	GPS Format	DDD: <input type="checkbox"/>	DMS: <input type="checkbox"/> DMM: <input type="checkbox"/>
Permit Type (Fees apply to each jurisdiction and may differ)		<input type="checkbox"/> 60 Day <input type="checkbox"/> Other	

## II. Applicant (Person or Firm Responsible for Blasting Operations)

Name:		Title:	
Blaster's Name:		Company Name:	
Address:	City:	State:	Zip:
Daytime Telephone:	Emergency Telephone:	email:	

## III. Property Owner

Name:			
Address:	City:	State:	Zip:
Daytime Telephone:	email:		

## IV. General Contractor

Name & Title:		Email:	
Company Name:			
Address:	City:	State:	Zip:
Daytime Telephone:	Emergency Telephone:		

## V. Project Description

Estimated Start Date:	Estimated End of Blasting	Will Explosives be stored on site? <input type="checkbox"/> Yes <input type="checkbox"/> No
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Describe the Project and why blasting is a necessary part of the project:

## VI. Submission Requirements

See the attached blasting permit checklist for a full description of all submittal requirements

This application shall be accompanied by the following information, unless otherwise specifically modified by the Fire Marshal or his designee:

- ☐ Provide a copy of the NC 811 Locate ticket. [www.nc811.org](http://www.nc811.org)
- ☐ A legible sketch of the blast site showing measured distances to adjacent buildings, streets, utilities, wells, and other facilities.
- ☐ A blasting plan to include a description of the proposed blasting procedures, an estimate of the total number of cubic yards of material to be removed by blasting, an estimate of the number of blasts to be detonated, the quantity and type of explosives to be used, the maximum amount of explosives per delay, the maximum number of holes per delay, and the proposed placement of seismographs. (Delay shall mean a period of eight milliseconds or greater.)
- ☐ The proposed hours during which the blasting operations will be conducted.
- ☐ A safety plan to include traffic control, barricading, signage plan, and adverse weather operation plan.
- ☐ Any other studies or information deemed necessary by the Fire Marshal, which may include, but is not limited to:
  1. A pre-blast assessment, prepared by a geotechnical engineer or other blasting professional, which would assess the potential for damage to adjacent structures and facilities.
  2. A pre-blast inspection of all structures and facilities located within 500 feet of the proposed blast location. As part of the inspection, the structures and facilities would be videotaped and/or digitally photographed to document any pre-existing damage so that any claims for post-blast damages could be compared to the pre-blast inspection report. A complete pre-blast report shall be submitted with this documentation for a permit.
  3. Hydrological study, Geological Study, Test Wells

## VII. Liability Insurance Required

Before a permit is issued, the Applicant must file with the jurisdiction a corporate surety bond in the principal sum of \$1,000,000 or a public liability insurance policy for the same amount, for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. The fire code official is authorized to specify a greater or lesser amount when, in his or her opinion, conditions at the location of use indicate a greater or lesser amount is required. Government entities shall be exempt from this bond requirement. The insurance policy shall state, "For blasting operations. The policy shall name the **City of Raleigh** and any Sub-Contractors as an additional insured.

## VIII. Permit Conditions

- A. Any blasting permit may be revoked for (1) failure to comply with the provisions of the State and local codes; (2) failure to comply with any of the provisions of this permit; or (3) for any other cause if the Fire Marshal determines that the continuance of the permit is not consistent with the provisions of the Code. A stop order may be issued for seismic readings above the limits of NFPA 495, and for failure to comply with conditions of the permit. Such stop work order will be issued to the blasting permit representative and shall state conditions before blasting resumes.
- B. This permit shall not be transferable whether by operation of law or otherwise, either from one location to another or from one person to another.
- C. All blasting operations shall be covered in such manner as to prevent fragments of rock, gravel, earth, trees, or other substances or materials from being thrown against or upon lots, buildings, utility lines, or any street or highway.
- D. Whenever blasting is being conducted in the vicinity of gas, electric, water, fire alarm, telephone, telegraph, or steam utilities, the blaster shall notify the appropriate representative of such utilities at least 24 hours in advance of blasting specifying the location and intended time of such blasting.
- E. Hours of detonation shall be limited to daylight hours, no earlier than 8:00 a.m. or later than 5:00 p.m., Monday through Friday, except by special exception specifically authorized by the Fire Marshal. Blasting shall also be prohibited on all City of Raleigh, State and Federal holidays.
- F. Water is a precious resource and measures shall be taken to protect ground water quality as found in the nearest well within 500 feet of the blasting location. Post blast testing shall be done no sooner than 24 hours or no later than 48 hours following a blast. Turbidity in wells tested shall be no greater than that which existed prior to the blasting as established in the pre-blast assessment.
- G. Any person detonating explosives shall first notify the Raleigh/Wake Emergency Communications Center that a blast is planned. Such notification shall be received at least twenty-four (24) hours prior to the planned detonation and shall give the time (within 30 minutes) of the planned detonation and the location where the blasting is to be done. The person detonating the explosives shall give an equivalent notice to each property owner that is located within 500 feet of the proposed blasting location.
- H. Submit a weekly schedule by email to [fireprevention@raleighnc.gov](mailto:fireprevention@raleighnc.gov) by close of business on Fridays for the following week.
- I. Persons responsible for blasting operations shall maintain a record of each blast. All original blasting records shall be retained by the persons responsible for the blasting operations for at least five years following the cessation of the blasting operations and shall be available for inspection by the Fire Marshal upon request.

### **Additional Conditions:**

## IX. Certification and Signature

I hereby certify that I have read and examined this application and its attachments and that all of the information contained therein is true and correct. Furthermore, I certify that the proposed blasting operations will fully comply with the requirements contained in The North Carolina State Fire Prevention Code and NFPA 495. I agree to indemnify, save harmless, and defend the City of Raleigh, its agents and employees, from all claims, damages, costs, expenses, and charges, including attorney's fees, which arise out of or by reason of these blasting operations.

Applicant Company

Owner or Responsible Party

Representative Signature:

Signature:

Date:        /        /

Date:        /        /

## X. PERMIT NUMBER

### **Blasting Permit No. (FH)**

Permit applications may be submitted in person weekdays from 8:30 am to 4:15 pm, [fireprevention@raleighnc.gov](mailto:fireprevention@raleighnc.gov) or mailed to:

**City of Raleigh Fire Department**

**Office of the Fire Marshal**

**310 W. Martin Street, Suite 200**

**Raleigh, NC 27602**

Fee Schedule is available online at [www.raleighnc.gov/fire](http://www.raleighnc.gov/fire) (See Page 20 under Explosives blasting)

Revenue Department Use Only:

Date Received

Check #

Receipt #