

Caldwell County Fire Marshal's Office

Phone (828)757-1277

Ricky K. Brown, Fire Marshal
2345 Morganton Blvd.
PO Box 2200
Lenoir NC, 28645

Fax (828)757-1182

BLASTING PERMIT APPLICATION

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.

Subject Property

Address

Applicant (Person or Firm Responsible for Blasting Operations)

Name _____ Title: _____
Company Name _____
Address: _____
City _____ State _____ Zip _____
Daytime Telephone: () - _____ Fax: () - _____
Emergency Telephone: () - _____

Property Owner

Name _____
Address: _____
City _____ State _____ Zip _____
Daytime Telephone: () - _____ Fax: () - _____

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General Contractor

Name _____ Title: _____
Company Name _____
Address: _____
City _____ State _____ Zip _____
Daytime Telephone: () - _____ Fax: () - _____
Emergency Telephone: () - _____

Liability Insurance Required

Before a permit is issued, the Applicant must file a public liability insurance policy in the principal sum of one million dollars (\$1,000,000). The policy shall state, "for blasting operations.

Submission Requirements

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

- a. Sketch of the blast site showing measured distances to adjacent buildings, streets, utilities, wells, and other facilities.
- b. 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.)
- c. An estimated starting date and completion date for the blasting operations.

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- d. The proposed hours during which the blasting operations will be conducted.
- e. A traffic control, barricading, and signage plan.
- f. Provide documentation of knowledge of blasters of all safety precautions related to the use of explosives. Also provide a copy of any licenses or certifications held by blaster along with blaster's date of birth.
- g. A valid copy of License/Permit from Department of Treasury – Bureau of Alcohol, Tobacco and Firearms.

Record Keeping

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 three years following the cessation of the blasting operations and shall be available for inspection by the Fire Marshal. The blasting records shall contain the following minimum data:

- a. Name of the person responsible for the blasting operation
- b. Location, date, and time of blast
- c. Name of the blaster in charge
- d. Type of material blasted
- e. Number of holes, burden, and spacing
- f. Diameter and depth of holes
- g. Types of explosives used
- h. Amount of explosives used
- i. Maximum amount of explosives per delay period of eight milliseconds or greater
- j. Maximum number of holes per delay period of eight milliseconds or greater
- k. Method of firing and type of circuit
- l. Weather conditions (including factors such as wind direction, cloud cover, etc.)
- m. Height or length of stemming
- n. Were mats or other types of protection used
- o. Type of detonators used and delay periods used
- p. Seismograph and air blast readings when measured, and from where measured

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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 County, its agents and employees, from all claims, damages, costs, expenses, and charges, including attorney's fees, that arise out of or by reason of these blasting operations.

Applicant Company

Property Owner's Signature

By:

Date: / /

Date: / /
