

Blasting Permit Application
Caswell County Building Inspections
215 County Park Rd, PO Box 1406
Yanceyville, NC 27379
Office: 336-694-9731



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 proceeds. This permit application and supporting documentation must be submitted via email to spetry@caswellcountync.gov or alyle@caswellcountync.gov in advance of planned blasting operations.

1. Subject Property

Location / Name _____
GPS #1 and GPS #2 _____
GPS Format _____ DDD _____ DMS _____ DMM _____

2. Applicant (Person or Firm Responsible for Blasting Operations)

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

3. Property Owner

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Daytime Telephone: _____ Emergency Telephone: _____
Email Address: _____

4. Contractor

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

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5. Permit Type (Fees apply to each jurisdiction and may differ)

- 60 Day Permit
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6. Project Description

Estimated Start Date: _____ Estimated End of Blasting: _____

Describe the project and why blasting is a necessary part of the project: _____

7. Submission Requirements

This application shall be accompanied by the following information, unless otherwise specifically modified by the Fire Marshal or his designee a minimum of **(3) days prior to first blast**:

- For a full description of all submission information needed see the attached Blasting permit requirements checklist.
 - Provide a copy of the NC 811 Locate ticket. www.nc811.org
 - 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.).
 - A safety plan to include traffic control, barricading, signage plan, and adverse weather operation plan must be up to date and on file with our Office.
 - Will explosives be stored on site? (see checklist requirements if so)
 - Any other studies or information deemed necessary by the Fire official, which may include, but is not limited to:
 - o 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.
 - o 2. A pre-blast inspection of all structures and facilities located within 1,500 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.
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8. 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 County of Caswell and any SubContractors as an additional insured."

9. 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 Official 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. Blasting mats shall be provided and in use if blasting is conducted within 1,500 ft. of structures or roadways.
- 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. Blasting must conclude at the hour of sunset and shall not commence before the hour of sunrise on Monday through Friday, except by special exception specifically authorized by the Fire Official. Blasting shall also be prohibited on all County of Caswell, State and Federal holidays.
- f. The person detonating the explosives shall give at least a 24-hour notice of a planned detonation and the time (within 30 mins) of the planned detonation to each property owner within 1,500 feet.

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- g. Persons responsible for blasting operations shall maintain a record of each blast: to include all pre blast surveys, seismographs, and well testing. 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.
- h. A pre-blast inspection shall be offered to all residents/properties within 1,500 feet of the blasting at the permit holder's expense. The permit holder shall send a certified letter to the resident/property owner at their address advising them of the right to a pre-blast inspection. If requested, the permit holder shall send a copy of the pre-blast survey inspection report and any photographs taken to the resident/property owner within (10) business days of receipt of the request.
- i. Additional Conditions: _____

10. Permit Approval

The Fire Code Official will deliver the permit via email to the Contractor once final approval is given to conduct blasting operations. Any failure to provide the requested information and documentation may lead to a delay in processing and issuance of a permit.

11. 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 certify that I have documented and offered to provide a pre-blast survey inspection to all properties within 750' of the proposed blasting area. I agree to indemnify, save harmless, and defend the County of Caswell, 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: _____

By: _____

Date: _____

Property Owner's Signature: _____

Date: _____

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Blasting Permit Requirements Checklist

	Complete and submit the attached permit application and supporting documentation Minimum (3) Days prior to first blast. An initial blast inspection will be required at the time of permit issuance.
	Request a blasting permit site inspection by contacting Head Building Inspector for Caswell County, Shannon Petry by email spetry@caswellcountync.gov or phone 336-694-9731 (opt. 1 for Building Inspections, opt. 3 for Shannon Petry) or 336-459-2711
	Blasting zone signage is required if blasting within 1000 ft of any roadway
	A 750 ft. blasting perimeter will be required under any of the following conditions. <ol style="list-style-type: none"> 1. Blasting that occurs in multiple jurisdictions. 2. Multiple blasting companies on a site and/or subdivision. 3. Right-of-way, roadway infrastructure improvements. Blasting company representative shall provide GPS coordinates for each proposed blast site. A site blasting map will be issued with the permit indicating the 750 ft. blasting perimeter. (Blasting operations outside this permitted perimeter will result in a stop work order and revocation of permit(s))
	Current certificate of liability insurance on file. (Additional insured names County of Caswell)
	Provide a copy of blasting certifications, ATF licenses, and blaster resumes with a photo ID. Annual records on file with the Fire Marshal's Office for each blaster are acceptable.
	Each permit and site plan on site at all times during blasting operations.
	All initial blasts for permitting requires witness by a Fire Official.
	Blasting mats provided and in use if within 750 ft. of structures/roadways.
	A safety plan to include traffic control, barricading, signage plan, and adverse weather operation plan must be on file with the Fire Marshal's Office.
	Proper notification made to utility companies.
	Are explosive materials stored on site? (If yes, this will require additional permitting from the Fire Official)

