



# Explosives/Blasting Operations Operational Permit Application

Guil-Rand Fire Department  
10506 S. Main St.  
Archdale, NC  
27263  
[inspections@guil-randfire.com](mailto:inspections@guil-randfire.com)



## Operational Permit Application

**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.**

## NOTICE

**(2) business days advanced noticed is required to schedule the blast inspection. No holes are to be loaded until an appointment for the inspection has been scheduled with the Fire Marshal's Office.**

**To call to schedule an inspection please call 336-431-2512**

## Fee Schedule

**30- Day = \$125.00 ; 90-Day = \$250.00**

**Fees must be paid before Plan Review will be completed.**

## Applicant Information

Applicants Name (Person):	Phone:	Email:
Applicants Company Address:		Applicants Company Name:
Beginning Date of work:		Ending Date of Work:
Project Name:		Project Address or Parcel Pin:
Building Permit Number (if applicable):		Utility Permit Number (if applicable):

## SCOPE OF WORK:

## Submission Requirements

- **This application shall be accompanied by the following information, unless otherwise specifically modified by the Fire Marshal or his designee:**
- **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 appropriate city and any Sub-Contractors as an additional insured.
- **Required attachments:**
  - ✓ 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.
  - ✓ 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.
  - ✓ 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.
  - ✓ Hydrological study, Geological Study, Test Wells
  - ✓ **Utility notification.** Where blasting is being conducted in the vicinity of utility lines or rights-of-way, the Blaster shall notify the appropriate representatives of the utilities not less than 24 hours in advance of blasting, specifying the location and intended time of such blasting. Verbal notices shall be confirmed with written notice.

## Major Conditions and Arrangements are Stated Below

- Blasting operations shall be conducted within all local, state and federal regulations including NFPA 495 and only between the hours of **9am-4pm, M-F**.
- The person in charge of the handling and use of the explosives must be at least twenty-one (21) years of age and be in possession of a valid explosives permit from the Fire Official. Persons eighteen (18) years of age and older may use and handle the explosives provided they are under the direct supervision of the person who possesses the permit.
- Persons handling or using explosives shall not be under the influence of any intoxicants or narcotics.
- Smoking, smoking products, flame or spark-producing devices shall not be possessed or used within fifty-feet (50') of where explosives are being used.
- Signage warning of the use of explosives and the prohibition of radio usages shall be clearly posted on all roads within 350-feet (350') of areas where blasting is to occur.
- All electrical blasting circuits shall remain shunted until connected for firing.
- All blasting operations shall cease and all persons shall be removed from the blasting area upon the approach and duration of a thunderstorm.
- Only blasting **galvanometers** shall be used in the testing of blasting circuits.
- **Warning Signals** shall be given at two (2) and one (1) minute intervals prior to the detonation of explosives. An **All Clear** signal shall be given after the inspection of the blast area.
- All blast sites shall be secure from time of loading till the post blast inspection.
- The area around a misfire shall be secured and the unfired charge reloaded and shot again.
- All unused blasting materials on site shall be collected and removed from the site.
- Storage of explosive materials on site shall comply with State Fire Code and NFPA 495. No magazines will be permitted to be left unattended.
- This application and permit does not cover other requirements that may apply nor does it relieve the owner/applicant from the responsibility of obtaining other necessary permits or complying with requirements from other applicable regulatory agencies.
- **Also, any violation of the requirements of this permit will subject the permit to revocation.**

## How to submit your permit application

1. Complete permit application and save a copy to your device
2. Combine completed permit application and all related documents to one single PDF (required)
3. Then submit the single PDF here: [inspections@guil-randfire.com](mailto:inspections@guil-randfire.com)
4. You may call (336) 431-2512 to schedule a Fire inspection.
5. An approved stamped set of paper plans shall be on site.

**Timeline (business days) = 5 day initial review / 5 day revision review**

This is an application to submit for an operational permit. Submittal of this document does not guarantee a operational permit. No work may be started without the issuance of an operational permit. Work started without a permit will result in a Stop Work Order being issued and a \$500.00 violation fee.

I hereby certify that all information in this application is correct and all work will comply with the most current editions of the NC State Building Code and NC Fire Code, and all other state and local laws, ordinances and regulations. The Guil-Rand Fire Department Fire Marshal's Office will be notified of any changes to the approved plans and specifications for the project permitted herein.

Owner/Agent Signature: \_\_\_\_\_

**This permit expires 30 or 90 days after issuance.** No work authorized by a permit that has expired may be conducted until a new permit has been issued.