



# City of Graham Fire Department Fire Inspection Division

PERMIT TYPE:	BLASTING		
EFFECTIVE DATE:		PERMIT #	

## Conduct Blasting Operations

In or On the Premises Known As: \_\_\_\_\_  
Location Address

Blasting Contractor: \_\_\_\_\_

Contractor's Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

### Conditions of Permit

1. A **permit** for the use of explosives is required from the Fire Official prior to the beginning of any work. A copy of the **permit is required** to be on the premises at all times when work does commence.
2. Prior to the issuance of any permit and per the State Fire Code, a surety of \$100,000 or a public liability policy for the same amount shall be filed with the Fire Department. Also, any contractor working at the site shall be licensed to operate in the City by the City collections Office.
3. No charges shall be detonated prior to a site inspection. Contact the Alamance County Fire Marshal Office— 227-1365 – ***at least 48-hours in advance of the initial blasting to set an appointment – voice mail messages are not acceptable.*** Appointments may be set Monday – Friday, 8:00 AM to 4:00 PM – no County holidays or weekends. ***Subsequent blastings require a 24 hour notification prior to loading explosives.*** An inspection by the Fire Marshal's Office may be required during the loading and placement of explosives and may be required during the use of explosive charges.
4. Major conditions and arrangements are stated below:
  - Blasting operations shall be conducted within all local, state and federal regulations including NFPA 495 and only during the established hours without prior approval.
  - Photograph ID of individual performing blast operations may be required
  - ***Blasting mats are required when blasting operations are conducted***
  - 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.



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- 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 usage 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 shall be collected and removed from the site.
  - Storage of explosive materials on site shall comply with State Fire Code and NFPA 495. Inspection of on-site storage facilities must be made by the Alamance County Fire Marshal's Office prior to on-storage of blasting materials
5. This application and permit does not cover other requirements that may apply nor does it relieve the owner/occupant from the responsibility of obtaining other necessary permits or complying with requirements from other applicable regulatory agencies.
6. Any violation of the requirements of this permit will subject the permit to revocation by the Fire Marshal's office.

**Note:** Alamance County **shall not be responsible** for any injuries or damages to property by reason of issuance of a permit or inspections made incident thereto.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Inspector

*Signature of this form shall signify acknowledgement and agreement to follow the above rules and regulations as well as all local state and federal requirements.*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Denied

\_\_\_\_\_  
Date

\_\_\_\_\_  
Granted

\_\_\_\_\_  
Beginning Date of Work

\_\_\_\_\_  
Ending Date of Work

Inspector Assigned to Blasting \_\_\_\_\_