



Roanoke Fire-EMS
 Fire Marshal Office
 713 Third Street Sw
 Roanoke, VA 24016
 540-853-2795

www.roanokeva.gov/firemarshal
 fire.marshall@roanokeva.gov

Permit Application # 2009.7 Use of Explosives

To be completed by the Permit Applicant

Blasting Contractor's Information				
Date:	/ /			
Business Name:				
Address:	Street	City	State	Zip
Contact Name:				
Phone:	()	Alternate Phone/Cell	()	
E-mail Address:				
City of Roanoke Business License #:				
Job Site Location				
Address:	Street			
Blaster Information				
Blaster Name:				
Address:	Street	City	State	Zip
Phone:	()	Alternate Phone/Cell	()	
Email Address:				
Va. Blaster Certification Number:		Expiration Date:	/ /	
ATF Certification Number:		Expiration Date:	/ /	
Property Owner Information				
Owner Name:				
Address:	Street	City	State	Zip
Phone:	()	Alternate Phone/Cell	()	
Email Address:				
General Contractor Information				
Business Name:				
Address:	Street	City	State	Zip
Contact Name:				
Phone:	()	Alternate Phone/Cell	()	
E-mail Address:				



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Job Site Information					
Parcel Type: <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Utility <input type="checkbox"/> Other: _____		Work Type: <input type="checkbox"/> Grading <input type="checkbox"/> Site Development <input type="checkbox"/> Utility Trench <input type="checkbox"/> Other: _____			
Distance to Nearest Structure: _____					
Type of Explosive to be used:					
Will Explosives be stored on site:		<input type="checkbox"/> Yes <input type="checkbox"/> No		If Yes, must submit application to store	
Will a pre-blast inspection be conducted?		<input type="checkbox"/> Yes <input type="checkbox"/> No			
Will all property owners within 500 feet of blasting be notified?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Estimated Start Date: / /		Estimated Completion Date:		/ /	
Description of work:					
Insurance Information					
Name of Insurer:		Name of Insured:			
Policy Number:		Expiry Date:			
Amount of Coverage		Property \$:		Bodily Injury \$:	
A bond or insurance policy in the amount of not less than \$1,000,000 is required.					
Utilities and Notifications					
Cable TV	Gas	Phone	Power	Sewer	Water
Distance: _____	Distance: _____	Distance: _____	Distance: _____	Distance: _____	Distance: _____
Notified: _____	Notified: _____	Notified: _____	Notified: _____	Notified: _____	Notified: _____
Will traffic control be needed?	<input type="checkbox"/> Yes <input type="checkbox"/> No		Has Police been Notified?		<input type="checkbox"/> Yes <input type="checkbox"/> No
I hereby certify that I have read and examined this application and that all of the information contained therein is true and correct. Furthermore, I certify that the proposed operations will fully comply with the requirements contained in The Virginia Statewide Fire Prevention Code and any other related laws and /or Codes. I agree to indemnify, save harmless, and defend the City of Roanoke, 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 operations.					
Signature:			Date:		/ /



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Please include a check payable to the City of Roanoke.							
Approved By:					Date:		
Denied: _____		Reason for Denial:					
Comments:							
Permit Number:			Permit Fee:			Check Number:	
Payment:		Date Received:		Receipt Number:			

2009.7: Use of Explosives

CODE SECTION: (2009 Virginia Statewide Fire Prevention Code): 3301.2

SCOPE: An operational permit is required for the Use of Explosives

FEE: \$80.00 (Check payable to the City of Roanoke)

PERMIT Duration: 30 Days

Application period: Application must be received 7 days prior to event

REQUIREMENTS: Permit holder agrees to abide by the Virginia Statewide Fire Prevention Code and any special stipulations noted on permit, as well as the following:

Submission Requirements

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

- A legible sketch of the blast site showing measured distances to adjacent buildings, streets, utilities, wells, and other facilities.
- For a full description of all submission information needed see the attached Blasting permit requirements checklist.
- 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.



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- Any other studies or information deemed necessary by the Fire Official, which may include, but is not limited to:
 - 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

Permit Conditions

- 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.
- 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.
- 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.
- The Blaster shall advise, in writing, all property owners of properties within 500 feet of the blasting location, the expected date, time and duration of blasting operations, and the name, address and telephone number of the contractor performing the blasting.
- 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 72 hours in advance of blasting specifying the location and intended time of such blasting.



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- 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 Official. Blasting shall also be prohibited on all City of Roanoke, State and Federal holidays.
- Any person detonating explosives shall first notify the Roanoke Fire-EMS Fire Marshal Office 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.