



Utah County Fire Marshal

51 South University Avenue, Suite 120

Provo, Utah 84601

Phone: 801-851-8348 Facsimile: 801-851-8340

EXPLOSIVE BLASTING PERMIT APPLICATION

BLASTING COMPANY INFORMATION

Business Name: _____ Date of Application: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Title: _____

Office Phone: _____ Fax: _____

Pager: _____ 24-Hour: _____

Business License Number: _____ Jurisdiction: _____

BLASTING TECHNICIAN INFORMATION

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Driver's License & State: _____ Date of Birth: _____

Office Phone: _____ Fax: _____

Cell or Pager (24-Hour): _____ 24-Hour: _____

BLASTING SITE INFORMATION

Site Location: _____

List Blasting Date(s) for Single Day Permit: _____

List Blasting Date Range for Annual Permit: _____

Name of Project: _____ Phone (Emergency): _____

Business Name: _____ Fax: _____

Contact Person: _____ Phone: _____

Saving Lives & Property Through Fire Prevention

REQUIREMENTS (must be attached)

- \$2,500,000 or higher General Liability Insurance Policy listing UTAH COUNTY as an additional insured
- Copy of current, applicable ATF License
- Copy of current, applicable ATF-listed Responsible Parties, employee possessor and/or user permit(s)
- Check for \$87.00/Single Day (same location) +zone travel fee. 10 miles or less \$15.00, Over 10 miles one way \$30.00, Over 20 miles one way \$45.00, Over 30 miles one way \$65. Make checks payable to, UC.
- Check for \$320.00/More Events in Year (same location) +zone travel fee. 10 miles or less \$15.00, Over 10 miles one way \$30.00, Over 20 miles one way \$45.00, Over 30 miles one way \$65. Make checks payable to, UC.
- Seismic Monitoring Plan/If applicable

It is understood and agreed that the holder of this Permit shall indemnify and hold harmless Utah County from and against all losses and claims, demands, payments, suits, actions, recoveries, and judgments of every nature and description brought or recovered against it by reason of any omission or act of the Permittee, its agents, or employees in the execution of the conduct authorized by this Permit. The Permittee shall obtain, maintain, and pay the premiums for liability insurance in an amount not less than \$2,500,000 U.S. dollars naming Utah County as an additional insured on said policy and with provisions that protect Utah County from contingent liability under this Permit. Proof of such insurance policy or policies shall be attached to the application prior to approval being given. Permittee shall provide a fire watch during, and for a reasonable time afterwards, to extinguish any and all smoldering debris. Permittee must provide their own water supply and equipment for that task. Permittee must abide by all adopted IFC 2012 (Chapter 56) and NFPA 495 (2013 Ed.) regulations and must notify the Utah County Dispatch by the quickest means possible of any and all working fires that may be caused by blasting, at (801) 794-3970 or 911. A site safety plan showing number of shots, distances, amounts, etc. and an explosive storage plan must be on site and available for inspection by the Utah County Fire Marshal's office. Any questions should be directed to the Utah County Fire Marshal at (801) 851-8348.

Applicant Signature: _____ Date: _____

Title: _____

Fire Marshal's Office Review: _____ Date: _____

Title: _____

Planning & Zoning Review: _____ Date: _____

Title: _____

International Fire Code 2012
Section 5607
BLASTING

5607.1 General. Blasting operations shall be conducted only by approved, competent operators familiar with the required safety precautions and the hazards involved and in accordance with the provisions of NFPA 495.

Blasting operations shall be performed in accordance with the instructions of the manufacturer of the explosive materials being used.

When blasting is done in a congested area or in close proximity to a structure, railway or highway, or any other installation, precautions shall be taken to minimize earth vibrations and air blast effects. Blasting mats or other protective means shall be used to prevent fragments from being thrown.

Surface-blasting operations shall only be conducted during daylight hours. Other blasting shall be performed during daylight hours unless otherwise approved by the fire code official.

Whenever blasting is being conducted in the vicinity of utility lines or rights-of-way, the blaster shall notify the appropriate representatives of the utilities at least 24 hours in advance of blasting, specifying the location and intended time of such blasting. Verbal notices shall be confirmed with written notice. In an emergency situation, the time limit shall not apply when approved.

Precautions shall be taken to prevent accidental discharge of electric detonators from currents induced by radar and radio transmitters, lightning, adjacent power lines, dust and snow storms, or other sources of extraneous electricity.

5607.7 Nonelectric detonator precautions. Precautions shall be taken to prevent accidental initiation of nonelectric detonators from stray currents induced by lightning or static electricity.

5607.8 Blasting area security. During the time that holes are being loaded or are loaded with explosive materials, blasting agents or detonators, only authorized persons engaged in drilling and loading operations or otherwise authorized to enter the site shall be allowed at the blast site. The blast site shall be guarded or barricaded and posted. Blast site security shall be maintained until after the post-blast inspection has been completed.

5607.9 Drill holes. Holes drilled for the loading of explosive charges shall be made and loaded in accordance with NFPA 495.

5607.10 Removal of excess explosive materials. After loading for a blast is completed and before firing, excess explosive materials shall be removed from the area and returned to the proper storage facilities.

5607.11 Initiation means. The initiation of blasts shall be by means conforming to the provisions of NFPA 495.

5607.12 Connections. The blaster shall supervise the connecting of the blastholes and the connection of the loadline to the power source or initiation point. Connections shall be made progressively from the blasthole back to the initiation point. Blasting lead lines shall remain shunted (shorted) and shall not be connected to the blasting machine or other source of current until the blast is to be fired.

5607.13 Firing control. No blast shall be fired until the blaster has made certain that all surplus explosive materials are in a safe place in accordance with Section 5607.10, all persons and equipment are at a safe distance or under sufficient cover, and that an adequate warning signal has been given.

5607.14 Post-blast procedures. After the blast, the following procedures shall be observed.

1. No person shall return to the blast area until allowed to do so by the blaster in charge.
2. The blaster shall allow sufficient time for smoke and fumes to dissipate and for dust to settle before returning to or approaching the blast area.
3. The blaster shall inspect the entire blast site for misfires before allowing other personnel to return to the blast area.

5607.15 Misfires. Where a misfire is suspected, all initiating circuits shall be traced and a search made for unexploded charges. Where a misfire is found, the blaster shall provide proper safeguards for excluding all personnel from the blast area. Misfires shall be reported to the blasting supervisor immediately. Misfires shall be handled under the direction of the person in charge of the blasting operation in accordance with NFPA 495.