



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit Submittal Guideline

EXPLOSIVE STORAGE/BLASTING/IMPLOSION/DEMOLITION

This guide is to assist in the permitting process for the storage or use of explosive materials. A permit is required for the sale or use of any quantity of explosive, explosive materials, fireworks or pyrotechnic special effects within the scope of Chapter 56 of the IFC as stated in 105.5.16 of the IFC. For information on fireworks, pyrotechnics, or open flame, please see separate fire permit guides.

APPLICABLE CODES:

The following codes and standard apply to this permit.

- *International Fire Code* (IFC), 2024 edition
- *International Building Code* (IBC) 2024 edition
- *Clark County Fire Code Amendments* (CCFC), 2024 edition
- *Explosives Materials Code*, NFPA 495, 2023 edition

SUBMITTAL REQUIREMENTS:

These submittal requirements are not all inclusive, nor are they a limit to the extent of the information, etc., which may be necessary to properly evaluate the submitted plans and documents. Not all items may apply to your project. Consolidate PDF's and upload all documents to the PLAN ROOM. Submittals shall include the following information;

EXPLOSIVES STORAGE: Provide the following information for the storage of Explosives

1. LICENSING:

- BATFA License 20 – Manufacture of High Explosives if applicable
- BATFA License 23 – Importer of High Explosives
- ATF License including responsible parties

2. INSURANCE:

- Provide a copy of a valid bond or Certificate of Insurance for the specified event. "Clark County, its agents, employees and volunteers" shall be named as additional insured and certificate holder. General liability limits, including contractual liability, in the minimum amount of \$5,000,000 shall be provided.
- Greater liability insurance amounts may be required in certain cases as required by the Fire Code Official.

3. PRODUCT INFORMATION:

- Types of materials, i.e. packaged dynamite, detonators, detonation cord, ANFO (ammonium nitrate fuel oil), fireworks
- Hazardous Materials Inventory Statement (HMIS) per IFC section 5001.5.2 and Appendix H

- Nevada State Fire Marshal's Combined Agency Hazardous Material Report
- Provide details of the magazine in accordance with IFC 5604.5 and 5604.6
- Method of grounding the magazine
- Emergency contacts
- Provide details of the barricade design when barricades are used. Include their construction materials and dimensions. (height, width and general locations)
- Warning signs; signs shall state: **"Do Not Fight Explosives Fires, No Smoking."**

4. PLAN: Include a site plan showing the following information;

- Storage magazine location
- Set-back distances from buildings, roadways, train tracks, and additional magazines
- Site security and access control
- Fencing and barricade locations, when provided.
- Locations of warning signs.

BLASTING AND USE: Provide the following information for the use of explosives (blasting)

1. LICENSING:

- State of Nevada Blaster's License

2. INSURANCE:

- Provide a copy of a valid bond or Certificate of Insurance for the specified event. "Clark County, its agents, employees and volunteers" shall be named as additional insured and certificate holder. General liability limits, including contractual liability, in the minimum amount of \$5,000,000 shall be provided.
- Greater liability insurance amounts may be required in certain cases as required by the Fire Code Official.

3. DOCUMENT INFORMATION:

- Copy of the notification to utilities (call before you dig)
- Vibration and sound monitoring report by a 3rd party engineer
- Locations of a minimum of two seismographs
- Copy of the notification to residents
- Pre / post blast surveys
- Pre/ post blast procedures
- Site security and warning signals
- Traffic control plan
- Blast reports/ shot reports/ seismic reports
- Confirmation of notification of Fire Dispatch

4. PLAN: Include a site plan showing the following information;

- Explosive locations
- Set-back distances from buildings, roadways and train tracks
- Site security and access control
- Fencing and barricade locations, when provided.
- Locations of warning signs.

- Show 300-foot and 2,500-foot zones for required monitoring/notification

IMPLOSION AND DEMOLITION: Provide the following additional information with the permit submittal for an implosion.

1. LICENSING:

- State of Nevada Blaster's License

2. INSURANCE:

- Provide a copy of a valid bond or Certificate of Insurance for the specified event. "Clark County, its agents, employees and volunteers" shall be named as additional insured and certificate holder. General liability limits, including contractual liability, in the minimum amount of \$5,000,000 shall be provided.
- Greater liability insurance amounts may be required in certain cases as required by the Fire Code Official.

3. DOCUMENT INFORMATION:

- Implosion project overview narrative
- Plan and procedures;
 - Intent
 - Quantity and type of explosive
 - Transportation of explosives
 - Loading procedure
 - Initiation sequence
 - Vibration and sound monitoring report by a third-party engineer
 - Locations of a minimum of (2) seismographs
 - Adjacent property protection and notification
 - Copy of the notification to utilities (call before you dig)
 - Site security measures
 - Site conditions post implosion
 - Traffic control plan
 - Fencing plan
 - Weather guidelines for cancellation or postponement
 - Fire Department Engine Stand-by request;

https://www.clarkcountynv.gov/assets/documents/government/departments/fire/fire_prevention/library/new-engine-standby-form-7-2025.pdf

4. PLAN: Include a site plan showing the following information;

- Explosive locations
- Set-back distances from buildings, roadways and train tracks
- Site security and access control
- Fencing and barricade locations, when provided.
- Locations of warning signs.
- Show 300-foot and 2,500-foot zones for required monitoring/notification

PERMIT DURATIONS:

Permits for storage of explosives shall be renewed annually.

The permits for blasting and implosions shall be in effect from the date of the first completed Clark County Fire Department inspection until the end of 180 calendar days.