



FOLSOM FIRE DEPARTMENT

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CITY OF
FOLSOM
DISTINCTIVE BY NATURE

USE OF EXPLOSIVES OR BLASTING AGENTS

Article 77, section 7701.3.1 of the Folsom Fire Code states... a permit shall be obtained to:

1. Manufacture, possess, store, sell, display or otherwise dispose of explosive material at any location.
2. Transport explosive materials.
3. Use explosive materials.
4. Operate a terminal for handling explosive materials.

PERMIT REQUIREMENTS

Notifications:

Telephone notification shall be made **24 hours prior to transporting** explosives or blasting agents with the following information:

1. Route of travel through Folsom
2. Approximate amount of explosive or blasting agent.
3. Scheduled time of transportation

Notification shall be made to:

1. Folsom Police Dept. **(916) 355-7231**
2. Folsom Fire Dept. **(916) 984-2280** Fire Marshal or on-duty Battalion Chief

Telephone notification shall be made to the Folsom Police and Fire Departments **45 minutes prior to blasting.**

Blasting operations:

Blasting operations shall be conducted during daylight hours FFC 7703.1.1

Explosive materials shall not be handled under the influence of intoxicants, narcotics or DEA-controlled substances. FFC 7703.1.3

Smoking and carrying matches while handling explosive materials or within 50 feet of where explosive materials are being used are prohibited. FFC 7703.1.4

The use of matches, lighters, spark-producing devices or the presence of any open flames is prohibited within 50 feet of areas where explosives are being used

EXCEPTION: The lighting of safety fuse in conjunction with approved blasting operations FFC 7703.1.5

Before a blast is fired, the person in charge shall make certain that surplus explosive materials are in a safe place, that persons and vehicles are at a safe distance or under sufficient cover, and that a loud warning signal has been sounded. 7703.1.8

Blasting operations shall be conducted in accordance with federal, state, and local regulations FFC 7703.1.7

Precautions shall be taken to prevent the premature detonation of explosive materials from lightning, radio frequency energy, extraneous electricity or static electricity caused by dust or snow storms, low humidity or mechanical conditions. Such precautions shall include:

1. The suspension of blasting operations and removal of persons from the blasting area during the approach and progress of a thunderstorm,
2. The posting of signs prohibiting the use of mobile transmitters on roads within 1,000 feet of blasting operations where electric detonators are being used, and
3. Periodic checks for static electricity or stray currents in areas where these factors could exceed safe operating limits.

FFC 7703.1.9

When blasting is performed in a congested area, or in close proximity to a building, structure, railway, highway, or other installation that could be damaged by material being thrown into the air, the blast shall be covered with an adequate blasting mat. FFC 7703.1.11

Transportation of explosives or blasting agents:

Vehicles used for transporting explosive materials shall be strong enough to carry the load without difficulty and shall be in good mechanical condition. If vehicles do not have a closed body, a portable, magazine-type container that is reasonably weather and theft resistant, and securely fastened to the vehicle body, shall be used to contain the explosive materials. Vehicles used for the transportation of explosive materials shall have tight floors and any exposed. Spark-producing metal on the inside of the body shall be covered with wood or other non-sparking material to prevent contact of explosive materials. EXCEPTION: Exposed spark-producing metal need not be covered in vehicles in which only blasting agents, 1.5D or oxidizing materials are being transported. FFC 7703.2.2

Vehicles used for transporting explosive materials shall be equipped with fire extinguishers according to the following schedule:

1. Vehicle gross weight under 14,000 lbs – at least two multipurpose dry-chemical extinguishers having a combined capacity of not less than 4A20BC
2. Vehicle gross weight over 14,000 lbs and tractor/semitrailer units – at least two multipurpose dry-chemical extinguishers having a combined capacity of not less than 4A70BC

FFC 7703.2.4

Fire extinguishers shall be securely mounted on vehicles at well-separated, accessible locations. Extinguishers shall be checked periodically to verify they are filled and in operating condition. FFC 7703.2.5

Vehicles used for transporting explosive materials shall be inspected by the person to whom a permit has been issued for such vehicles in order to determine that:

1. Electric wires are insulated and securely fastened,
2. The engine chassis and body are reasonably clean and free of excessive grease and oil,
3. The fuel tanks and fuel lines are securely fastened and not leaking,
4. Brakes, lights, horn, windshield wipers, and steering mechanisms are functioning properly,
5. Tires are properly inflated, and free of defects, and

6. The vehicle is in proper condition for transporting explosive materials. FFC 7703.2.6

Smoking, carrying matches or other flame-producing devices, carrying firearms or loaded cartridges while in or near a vehicle transporting explosive materials, and driving, loading or unloading any such vehicle in a careless or reckless manner are prohibited. FFC 7703.2.8

Vehicles transporting explosive materials shall display placards, lettering or numbering required by DOT. FFC 7703.2.10

When detonators are transported on the same motor vehicle with other explosive materials, they shall be packaged, labeled, placarded, and loaded in accordance with DOT regulations. FFC 7703.2.11

Vehicles transporting explosive materials shall be routed to avoid congested traffic and heavily populated areas. The chief is authorized to designate such routes of travel and the times of use. FFC 7703.2.12

Vehicles transporting explosive materials shall not be left unattended. FFC 7703.2.14

Unless authorized by the chief, persons other than the driver and one assistant, who is at least 18 years of age, shall not ride on vehicles transporting explosive materials. FFC 7703.2.15

Delivery of explosive materials shall be made only to authorized persons and into approved storage, handling or use areas. FFC 7703.2.16

Vehicles containing explosive materials shall not be taken into a garage or repair shop for repairs or storage. FFC 7703.2.17

Additional Requirements _____