



CITY OF MANTECA - FIRE DEPARTMENT

FIRE PREVENTION BUREAU

1154 S. UNION ROAD • MANTECA, CA 95337

(209) 456-8340 • FAX (209) 923-8936

PYROTECHNIC SPECIAL EFFECTS MATERIAL OPERATIONAL PERMIT REQUIREMENTS

105.6.37 Pyrotechnic Special Effects Material. An operational permit is required for use and handling of pyrotechnic special effects material. See Health and Safety Code Division 11, Part 2, Sections 12500

Pyrotechnic Special-Effect Material. A chemical mixture used in the entertainment industry to produce visible or audible effects by combustion, deflagration or detonation. Such a chemical mixture predominantly consists of solids capable of producing a controlled, self-sustaining and self-contained exothermic chemical reaction that results in heat, gas sound, light or a combination of these effects. The chemical reaction functions without external oxygen.

5601.1.1 Explosive material standard. In addition to the requirements of this chapter, NFPA 495 shall govern the manufacture, transportation, storage, sale, handling and use of explosive materials.

5601.2.4 Financial responsibility. Before a permit is issued, as required by Section 5601.2, the applicant shall file with the jurisdiction a corporate surety bond in the principal sum of \$100,000 or a public liability insurance policy for the same amount, for the purpose of the payment of all damages to persons or property that arise from, or are caused by, the conduct of any act authorized by the permit upon which any judicial judgment results. The fire code official is authorized to specify a greater or lesser amount when, in his or her opinion, conditions at the location of use indicate a greater or lesser amount is required. Government entities shall be exempt from the bond requirement.

5601.4 Qualifications. Persons in charge of magazines or blasting shall not be under the influence of alcohol or drugs that impair sensory or motor skills, shall be not less than 21 years of age and shall demonstrate knowledge of all safety precautions related to the storage, handling or use of explosives or explosive materials.

5601.5 Supervision. The fire code official is authorized to required operations permitted under the provisions of Section 5601.2 to be supervised at any time by the fire code official in order to determine compliance with all safety and fire regulations.

5601.6 Notification. Whenever a new explosive material storage or manufacturing site is established, including a temporary job site, the local law enforcement agency, fire department and local emergency planning committee shall be notified 48 hours in advance, not including Saturdays, Sundays and holidays, of the type, quantity and location of explosive material at the site.

5601.8 Establishment of quantity of explosives and distances. The quantity of explosives and distances shall be in accordance with Sections 5601.8.1 and 5601.8.1.1.

Additional requirements may apply.