



## Pyrotechnic Display Permit Requirements

The following requirements pertain to the adopted International Fire Code (IFC) 2009.

IFC 105.6.36 Pyrotechnic special effects material.

An operational permit is required for use and handling of pyrotechnic special effects material.

IFC 3308.1 General.

Outdoor fireworks display, use of pyrotechnics before a proximate audience and pyrotechnic special effects in motion picture, television, theatrical and group entertainment productions shall comply with Sections 3308.2 through 3308.10 and NFPA 1123 or NFPA 1126.

3308.2 Permit application.

Prior to issuing permits for a fireworks display, plans for the fireworks display, inspections of the display site, and demonstrations of the display operations shall be approved. A plan establishing procedures to follow and actions to be taken in the event that a shell fails to ignite in, or discharge from a mortar, or fails to function over the fallout area or other malfunctions shall be provided to the fire code official.

3308.3 Approved firework displays.

Approved firework displays shall include only approved fireworks 1.3G, fireworks 1.4G, fireworks 1.4S, and pyrotechnic articles. 1.4G, shall be handled by an approved, competent operator. The approved fireworks shall be arranged, located, discharged, and fired in a manner that will not pose a hazard to property or endanger any person.

National Fire Protection Association (NFPA) Standards

NFPA 1126, Standard for the use of pyrotechnics before a proximate audience.

3.3.40 Pyrotechnic Device. Any device containing pyrotechnic materials or pyrotechnic effect simulation equipment, as described in the following definitions, and capable of producing a special effect as defined in this standard.

3.3.42 Pyrotechnic Material (Pyrotechnic Special Effects Material). A chemical mixture that contains sufficient oxygen or oxidizing agent required to initiate or maintain combustion and is used in the entertainment industry to produce visible or audible effects by combustion, deflagration, or detonation.

## **Basic Requirements**

The addition of pyrotechnics to a performance or any change in the presentation of pyrotechnics, excluding the reduction in the number or size of the devices, shall require approval by the City of Taylor Fire Marshal.

If required, a walk-through and a representative demonstration of the pyrotechnics shall be provided to the Fire Marshal before a permit may be approved.

Portable Fire-Fighting Equipment, which include four or more fire extinguishers of the classification and size as approved by the City of Taylor Fire Marshal, shall be readily accessible while the pyrotechnics are being loaded, prepared for firing, or fired.

- Two pressurized water extinguishers, each with a minimum rating of 2-A (Class A fire extinguishers).
- Two extinguishers, each with a minimum rating of 10-B:C or two extinguishers appropriate to the fuel source being used.

The extinguishers shall be placed so that at least one is located on each opposing side of the performance where pyrotechnics are used.

Additional fire-extinguishing equipment shall be provided as required by NFPA 10 and the Fire Marshal.

Personnel who have a working knowledge of the use of the applicable fire extinguishers shall be present while the pyrotechnics are being handled, used, or removed.