

USE OF SPECIAL EFFECTS

A test demonstration of the actual display shall be conducted prior to the public performance when required by the fire authority.

All special effects conducted indoors shall be in a room or area protected by an approved automatic sprinkler system, or providing equivalent safety.

Persons in charge of the use and handling of special effects materials shall be qualified by experience and/or training acceptable to the fire authority and shall follow recognized safety procedures for use within the industry.

TRANSPORTING EXPLOSIVES

Persons who transport explosives products to be used in a special effects display must meet all state and federal transportation requirements.

RECOMMENDED SAFETY PRECAUTIONS

When using an electric firing board, it must have a master key lock to prevent unauthorized use.

The master key must be controlled by one person, the pyrotechnician in charge of the display.

Stage decorations, curtains, rugs, etc. must be fire resistant and approved by the fire authority. Be prepared to provide documentation that a fire retardant has been applied.

The ventilation system must be tested against the maximum smoke production of the special effects and provide sufficient removal of the smoke. Tests must be made prior to allowing spectators in the area.

Smoke detectors, sprinkler systems, and other fire alarms must not be affected by the display. Squibs must be shunted during handling and loading.

Fire extinguishers, as required by the local fire authority, must always be immediately available when storing, handling, or firing special effects.

For more information or additional copies of this brochure, contact the Office of State Fire Marshal at (503) 934-8274.

SPECIAL EFFECTS DISPLAYS

OFFICE OF STATE FIRE MARSHAL

OREGON STATE POLICE



LICENSE AND PERMITS

**4760 Portland Road NE
Salem Oregon 97305-1760
(503) 934-8274**

Fax: (503) 934-8288

www.oregon.gov/OSP/SFM/

To hold a special effects display in Oregon, a person must obtain a permit from the Office of State Fire Marshal (OSFM). The permit allows the permittee to hold the special effects display when in conformance with Oregon Administrative Rules 837-012-700 through 837-012-970.

Pyrotechnicians using 1.1g and/or 1.2g explosives as part of their special effects display should inquire with local police, city, zoning, building, and fire authorities who have jurisdiction over the special effects display site to determine if special permits are required to use the explosives in the special effects display. All explosives use shall be in accordance with the requirements of National Fire Protection Association (NFPA) #495.

APPLICATION PROCESS

Applications may be obtained from the OSFM or www.oregon.gov/OSP/SFM/.

Applications must be completed in their entirety, including obtaining the signature of the appropriate fire and law enforcement authority in whose jurisdiction the display will be held.

It is advised to submit the completed application and fee to the OSFM as soon as possible to allow for processing time. Applications received less than 15 days prior to the date of the display may not be processed in time for the display to be held.

FEE SCHEDULE

Special Effects Application Fee \$100.00

In the event an application is denied or the applicant withdraws the request, application fees will not be refunded.

SIGNATURES REQUIRED

APPLICANT

- The person completing the application must sign the application and provide their address and phone number.

FIRE AUTHORITY

- **Inside City Limits** - signature of the fire chief or authorized representative.
- **Outside City Limits and Inside Rural Fire Protection District** - signature of the district chief or authorized representative.

LAW ENFORCEMENT AUTHORITY

- The law enforcement authority having jurisdiction over the display site.

DOCUMENTS

The following document may be required by local fire authorities before they sign an Application for Special Effects Display Permit.

- Proof of insurance. (Most fire authorities will require insurance)

APPLICABLE STATUTES, RULES AND OTHER REFERENCES

Oregon Revised Statutes 480.010 through 480.290, and 480.990.

Oregon Administrative Rules 837-12-700 through 837-12-970 and 837-12-021.

NFPA #495 - Manufacture, Transportation, Storage, and Use of Explosive Materials.

NFPA #1124 - Code For the Manufacture, Transportation, and Storage of Fireworks.

STORAGE OF SPECIAL EFFECTS

1.1g and 1.2g explosives used to create special effects must be stored in compliance with NFPA 495.

Any special effects devices or materials not in use and designated as 1.3g (class B) fireworks shall be stored in accordance with NFPA #1124.

Quantities of special effects materials at the display site shall:

- Be stored in a safe manner as specified by the local fire authority.
- Not exceed the maximum limits established by the local fire authority and as stipulated on the OSFM permit.