



BRAINERD FIRE DEPARTMENT
Fire Inspections
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FIREWORKS

AERIAL AND PROXIMATE AUDIENCE DISPLAYS

Display fireworks and fireworks for proximate audiences may be conducted with a fire permit and when in compliance with the following:

Submittal Requirements

- ✓ Fireworks displays may only be sponsored by a city, county, fair association, amusement park or other public or private organization.
- ✓ A permit application signed by a state licensed pyrotechnics operator.
- ✓ A check made out to the City of Brainerd in the amount of \$75.00.
- ✓ A scaled site or floor plan showing the shoot location, secured fallout area, all structures, utilities and audience seating areas.
- ✓ Detailed information on the quantity, types and sizes of devices, hours of shoot and safety and security measures being taken to protect people and property.

General Requirements (for Display and Proximate Audience Fireworks)

- ✓ Pyrotechnic material and devices shall be transported in accordance with federal, state and local requirements. (27 CFR, Federal Regulation for Transport)
- ✓ The fireworks operator is responsible for all aspects of the fireworks display.
- ✓ Storage, handling and discharge of aerial and proximate audience fireworks must be compliant
 - ✓ with Minnesota State Fire Code (MSFC), National Fire Protection Association (NFPA) Standards 1123 or 1126 and State Fire Marshal Division Guidelines for Fireworks Safety.
- ✓ Delivery of pyrotechnic devices to the shoot site must be made on the day of the event only.
- ✓ Pyrotechnic devices must be kept in a secure location with placards and NO SMOKING signs.
- ✓ When required by the code official, a test must be conducted to demonstrate the safe use of pyrotechnic material prior to the scheduled display.
- ✓ Portable fire extinguishers and first aid equipment must be immediately available at firing site.

Additional Requirements for Display Fireworks (Aerial)

- ✓ Compliance with NFPA Standard 1123 is required.
- ✓ Physical barrier and personnel monitoring drop zone.
- ✓ Provide a minimum 70' radius of drop zone for each inch of diameter of the largest shell.
- ✓ Security shall be provided as deemed necessary by the Fire Marshal.
- ✓ Adjust shoot trajectory so wind does not carry shells out over audience.
- ✓ All devices must be removed immediately after display.

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- ✓ Drop zone must be inspected at sun up to ensure all devices have been removed.
- ✓ Within 30 days of completing the event, a written shooter's report must be submitted to the State Fire Marshal Office. This report is required within 10 days if there was an injury, property damage or a defective pyrotechnic device.

Additional Requirements for Proximate Audience Displays

- ✓ Compliance with the MSFC, NFPA Standard 1126 and State Fire Marshal Guidelines for Firework Safety is required.
- ✓ A fire permit from the City of Brainerd is required.
- ✓ Provide certification that the set, scenery and rigging material are inherently flame retardant or have been treated to achieve flame retardancy.
- ✓ Provide certification that the materials worn by performers and/or others in the fallout area are shall be inherently flame retardant or have been treated to achieve flame retardancy.
- ✓ Steps shall be taken to prevent false alarms of smoke and duct smoke detectors in display area.

Inspections Required

- ✓ Pre-shoot site inspection.
- ✓ Post-shoot site inspection.
- ✓ If an inspection fails, a re-inspection must be scheduled. Re-inspection fee is \$50.00.

Other

- ✓ Permit holders must notify the fire inspection staff of injuries or property damage that occur as the result of a shoot.