

**Minnesota Department of Public Safety
State Fire Marshal Division
Outdoor Fireworks Display
MN State Fire Code Checklist**

Y N N/A

General:

- A permit is required for public displays (Minn. Stat. § 624.22)
- The pyrotechnic operator must be certified by the MN State Fire Marshal (Minn. Stat. § 624.22)
- Diagram/site plan required showing location of buildings, highways, overhead obstructions, and audience/crowd distances (MSFC 3308.2.1)
- Display site inspected prior to issuing permit (Minn. Stat. § 624.22)

Y N N/A

Fireworks Storage at Display Site:

- Fireworks shall not be unattended (MSFC 3308.5.1)
- Fireworks shall be kept dry (MSFC 3308.5.2)
- Shells to be inspected; damaged, leaking, wet, or torn shells should not be used (MSFC 3308.5.3)
- Ready boxes to be used for storage of fireworks (MSFC 3308.5.5)
- Ready boxes to be located at least 25 feet from mortars (MSFC 3308.5.5)
- Smoking and open flames are prohibited within 50 ft. of the aerial shell storage area. (NFPA 1123 8.1.6.1)
- Firework preparation area at least 100 feet from spectators (NFPA 1123 4.2.2.2)

Y N N/A

Fireworks Display Site:

- Mortars to be at least 70 feet from spectator viewing areas, buildings, and vehicles per inch of shell (See NFPA 1123 Table 5.1.3.1 for shells less than 3 inches in diameter)
- Discharge site arranged so that aerial shells will not be within 25 feet of overhead objects or obstructions. (NFPA 1123 5.1.4.7)
- The Authority Having Jurisdiction (fire official or county sheriff) can order that the display be stopped if weather conditions, crowd control or other hazards become a concern (NFPA 1123 8.1.4)
- Aerial shells greater than 6 inch diameter shall be pre-loaded and electrically fired (some exceptions) (NFPA 1123 4.3.4.1)
- Only the operator, necessary assistants, and safety personnel over the age of 18 are allowed in the discharge site (Minn. Stat. § 624.22)
- Ground pieces with movable parts to be at least 125 feet from spectators and vehicles (NFPA 1123 5.1.3.5.2)
- Ground pieces with stationary parts to be at least 75 feet from spectators and vehicles (NFPA 1123 5.1.3.5.1)
- Post-display inspection and accounting for unexploded devices is required (MSFC 3308.9)