

# Permit Review & Inspection Guide for Fireworks Display and Pyrotechnic Event

Requirements found in IFC 2018 & NFPA 1123



This permit is applicable to Indianola city limits and all of its contracted fire district.

Name of the Event: \_\_\_\_\_

Address: \_\_\_\_\_

## Display Site Requirements

- | <u>YES</u>               | <u>NO</u>                |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Display site shall have at least 70 feet/inch radius of the internal mortar diameter of the largest aerial shell (double distance for health care or detention/jail facilities). (NFPA 5.1.3.1) |
| <input type="checkbox"/> | <input type="checkbox"/> | The display site and fallout area shall be barricaded to prevent the public from entering when required by the AHJ. (IFC 5608.2.2 & NFPA 8.1.2.2)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Ground displays shall have a 75 ft. radius for low hazard pieces or 125 ft. radius for higher hazard pieces. (NFPA 5.1.3.5.1 & 5.1.3.5.2)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Spectators, unauthorized vehicles, watercraft, or readily combustible materials shall not be located within the fallout area during the display. (NFPA 5.1.5.2 & IFC 5608.4)                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Dwellings, building, and structures shall be permitted in the display site with approval of the AHJ and building owner. (NFPA 5.1.4.6)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Trajectory of aerial shells shall not come within 25 feet of any overhead objects. (NFPA 5.1.4.7)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Where tents are permitted in the fallout area, they shall not be occupied during display. (NFPA 5.3.2)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Storage of any fireworks products is prohibited.  |

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## Installation of Mortars

- | <u>YES</u>               | <u>NO</u>                |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Mortars shall be positioned/placed so that shells are propelled away from spectators, over fallout area. (NFPA 4.3.2)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Mortars shall be buried to a depth of at least 2/3 of their length. (NFPA 4.4.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Mortars may be angled and placed up to 1/3 of the distance from the center to adjust for wind to carry shells away from the spectators. (NFPA 5.2.1.3 & Table 5.1.3.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Shells shall be checked for correct fit in their mortars prior to the display. (IFC 5608.5.3)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Single break shells shall be permitted to be fired from securely positioned mortar racks. Mortar racks not inherently stable shall be secured by stakes, legs, A-frames, sides boards. (NFPA 4.5.1 & 4.5.5)       |
| <input type="checkbox"/> | <input type="checkbox"/> | Chain-fused mortar racks (not applicable to finale items 2.5" or less) (NFPA 4.6.2.1)<br>3" - 15 mortars per unit      4" - 12 mortars per unit      6" - 10 mortars per unit<br>Tip over protection is required. |

## Operation of Display

- | <u>YES</u>               | <u>NO</u>                |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | No person shall be present in the discharge site with alcohol in his/her system. (NFPA 8.1.9.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Operator shall have two 2-A pressurized water fire extinguishers readily accessible. (NFPA Annex E.2.1)  |
| <input type="checkbox"/> | <input type="checkbox"/> | All personnel in the discharge site shall wear: head protection, eye protection, hearing protection, foot protection, long sleeved and long legged clothing. (NFPA 8.1.3.4)  |
| <input type="checkbox"/> | <input type="checkbox"/> | Only the operator, authorized assistants, and AHJ personnel shall be permitted in the display site while the display is in progress - NO CHILDREN ALLOWED. (NFPA 8.1.3.2)  |
| <input type="checkbox"/> | <input type="checkbox"/> | If high winds, precipitation, or other adverse weather conditions prevail or begin such that a hazard exists in the opinion of the operator or AHJ, the display shall be postponed or discontinued. (NFPA 8.1.4.2) |
| <input type="checkbox"/> | <input type="checkbox"/> | Monitors whose sole duty is the enforcement of crowd control shall be located around the display site and other locations as determined by the AHJ. (NFPA 8.1.2)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Monitors shall be positioned around the discharge site to prevent spectators from entering. (NFPA 8.1.2.1)   |
| <input type="checkbox"/> | <input type="checkbox"/> | If in the opinion of the AHJ, the lack of crowd control poses a hazard, the fireworks display shall be postponed or discontinued immediately until the situation is corrected. (NFPA 8.1.4.1)                      |

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Comments

**Permit Fee: \$150.00**

Payment to the City of Indianola may be made in person to the Office of City Clerk or mailed to:

Indianola Fire Department  
110 North First Street • PO Box 299  
Indianola, IA 50125

Responsible Vendor Signature \_\_\_\_\_ Date \_\_\_\_\_

Fire Department Signature \_\_\_\_\_ Date \_\_\_\_\_