



McHenry Township Fire Protection District

3610 West Elm Street

McHenry, IL 60050

815-385-0075

Fireworks Display Inspection Form

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|---|-------------------------------|
| Location of Event: | Date & Time of Exhibition: |
| Company Name: | Lead Operator's Name: |
| Company Address: | Operator's Cell Phone Number: |
| Company Phone Number: | License Number: |
| Contact Person: | Assistants Names: |
| County & City of Exhibition: | Assistants Names: |
| | Assistants Names: |
| Must conform to all NFPA 1123 requirements | Assistants Names: |

Inventory

| | | | |
|---|---|--|--|
| | Yes or No | | |
| Was a Bill of Lading provided for inventory | <input type="checkbox"/> <input type="checkbox"/> | | |
| Was photos and count completed | <input type="checkbox"/> <input type="checkbox"/> | | |

General Information

| | Yes | No | | Yes | No |
|---|--------------------------|--------------------------|--|--------------------------|--------------------------|
| Company License Valid thru OSFM | <input type="checkbox"/> | <input type="checkbox"/> | Site Plan Provided to the MTFPD | <input type="checkbox"/> | <input type="checkbox"/> |
| Lead Operator's License Valid thru OSFM | <input type="checkbox"/> | <input type="checkbox"/> | Location of fireworks storage determined | <input type="checkbox"/> | <input type="checkbox"/> |
| Licensed for Outdoor Shows | <input type="checkbox"/> | <input type="checkbox"/> | Fallout areas identified | <input type="checkbox"/> | <input type="checkbox"/> |
| OSFM Permit Present | <input type="checkbox"/> | <input type="checkbox"/> | Fallout area > 125 ft per inch of Mortar | <input type="checkbox"/> | <input type="checkbox"/> |
| Product List of Devices to be used onsite | <input type="checkbox"/> | <input type="checkbox"/> | Display Perimeter Identified | <input type="checkbox"/> | <input type="checkbox"/> |
| List & ages of all assistants provided | <input type="checkbox"/> | <input type="checkbox"/> | Will Fireworks be Displayed Manually | <input type="checkbox"/> | <input type="checkbox"/> |
| Security of site proper | <input type="checkbox"/> | <input type="checkbox"/> | Fireworks storage proper | <input type="checkbox"/> | <input type="checkbox"/> |
| | Yes | No | | Yes | No |
| Was insurance or bond of \$1,000,000 or more verified? | <input type="checkbox"/> | <input type="checkbox"/> | Has exhibitor identified names of all assistants who will be present? | <input type="checkbox"/> | <input type="checkbox"/> |
| Was the site inspection conducted prior to issuing permit? | <input type="checkbox"/> | <input type="checkbox"/> | Exhibitor provided copies of all licenses | <input type="checkbox"/> | <input type="checkbox"/> |
| Has the location, distances, and details of the site plan been verified for accuracy? | <input type="checkbox"/> | <input type="checkbox"/> | Exhibitor provided copies of all permits | <input type="checkbox"/> | <input type="checkbox"/> |
| Does the proposed location for temporary storage (up to 14 days) of fireworks | <input type="checkbox"/> | <input type="checkbox"/> | Is adequate fire protection available? | <input type="checkbox"/> | <input type="checkbox"/> |
| Is the display site selection in accordance with NFPA 1123 (Chapter 5, site selection) and/or NFPA 1126 as listed in rule 1301:7-7-47 of the Administrative Code? | <input type="checkbox"/> | <input type="checkbox"/> | Does distance to spectator area comply with a minimum of 70 feet per inch of largest shell, and/or close proximity separation distance for audiences in 1126 | <input type="checkbox"/> | <input type="checkbox"/> |
| | Yes | No | | Yes | No |
| When the fireworks arrived at the site, | <input type="checkbox"/> | <input type="checkbox"/> | If the show requires reloading of fireworks, | <input type="checkbox"/> | <input type="checkbox"/> |

Fire Prevention Bureau

815-669-5378

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| were they in a properly placarded vehicle/trailer? | | are the extra fireworks properly secured in a ready box, 25 feet upwind of the mortars? | |
| Was the condition of mortars checked for damage, dents, broken plugs, etc.? | <input type="checkbox"/> <input type="checkbox"/> | Are the mortars made of approved material, of sufficient strength, length and durability to cause shells to be propelled to safe altitudes? | <input type="checkbox"/> <input type="checkbox"/> |
| Are buried mortars installed to comply with NFPA 1123, Section 4.4 as listed in rule 1301:7-7-47 of the Administrative Code? | <input type="checkbox"/> <input type="checkbox"/> | Are mortar racks and/or bundles that are not inherently stable, secured or braced to stabilize them? | <input type="checkbox"/> <input type="checkbox"/> |
| Are the racks properly positioned to prevent them from firing towards the spectators? | <input type="checkbox"/> <input type="checkbox"/> | Are the racks braced in a manner that secures the balance of the mortars should one fail? | <input type="checkbox"/> <input type="checkbox"/> |
| Are all security persons and monitors in place and positioned to prevent unauthorized persons in discharge site? | <input type="checkbox"/> <input type="checkbox"/> | Is location of storage verified? | <input type="checkbox"/> <input type="checkbox"/> |

Mortar and Rack Inspection

| | Yes | No | | Yes | No |
|---|--------------------------|--------------------------|---|--------------------------|--------------------------|
| Cast iron and clay mortars prohibited | <input type="checkbox"/> | <input type="checkbox"/> | Mortars inspected for defects and debris | <input type="checkbox"/> | <input type="checkbox"/> |
| Stove pipe and culvert mortars prohibited | <input type="checkbox"/> | <input type="checkbox"/> | Base plugs are secure to bottom of mortar | <input type="checkbox"/> | <input type="checkbox"/> |
| Wood and bamboo mortars prohibited | <input type="checkbox"/> | <input type="checkbox"/> | Aimed at fallout area not spectators | <input type="checkbox"/> | <input type="checkbox"/> |
| Mortars buried at least 2/3 of length | <input type="checkbox"/> | <input type="checkbox"/> | No more than 12: 4" mortars on rack | <input type="checkbox"/> | <input type="checkbox"/> |
| No more than 15: 3" mortars on rack | <input type="checkbox"/> | <input type="checkbox"/> | No more than 10: 5" or 6" mortars on rack | <input type="checkbox"/> | <input type="checkbox"/> |
| Rack or bundles are secured and stable | <input type="checkbox"/> | <input type="checkbox"/> | No 7" or 8" mortars in racks | <input type="checkbox"/> | <input type="checkbox"/> |

Drum/Trough Inspection

| | Yes | No | | Yes | No |
|--|--------------------------|--------------------------|---|--------------------------|--------------------------|
| Filled with sand or soft dirt and free of stones or other dangerous debris | <input type="checkbox"/> | <input type="checkbox"/> | Separation of at least 2" from mortar to wall of trough or drum | <input type="checkbox"/> | <input type="checkbox"/> |
| Troughs reinforced in at least 2 places | <input type="checkbox"/> | <input type="checkbox"/> | Base plugs are secured to bottom of mortar | <input type="checkbox"/> | <input type="checkbox"/> |
| Mortars are buried in trough or drum at least 2/3 their overall height | <input type="checkbox"/> | <input type="checkbox"/> | No 7" or 8" mortars in troughs or drums | <input type="checkbox"/> | <input type="checkbox"/> |

Aerial Shell Inspection

| | Yes | No | | Yes | No |
|-------------------------------------|--------------------------|--------------------------|---|--------------------------|--------------------------|
| Operator examined shells for damage | <input type="checkbox"/> | <input type="checkbox"/> | Operator sizes shell for proper fit in mortar | <input type="checkbox"/> | <input type="checkbox"/> |

Display Area Inspection

| | Yes | No | | Yes | No |
|--|--------------------------|--------------------------|--|--------------------------|--------------------------|
| Is a radius of 70 ft per inch of largest shell diameter provided | <input type="checkbox"/> | <input type="checkbox"/> | Arrangements provided to secure fallout area when shell loading begins | <input type="checkbox"/> | <input type="checkbox"/> |

Electrically-Fired Display/Manually Fired Display Inspection

| | Yes | No | | Yes | No |
|---|--------------------------|--------------------------|--|--------------------------|--------------------------|
| Electrical firing units manufactured specific for electric ignition of pyro devices | <input type="checkbox"/> | <input type="checkbox"/> | Firing unit has 2 positive actions necessary to apply firing current | <input type="checkbox"/> | <input type="checkbox"/> |
| Firing panel located a min. of 75' from mortars | <input type="checkbox"/> | <input type="checkbox"/> | Mortars located in unobstructed full view of operator | <input type="checkbox"/> | <input type="checkbox"/> |
| Caps protecting fuses remain in place until immediately before firing on manual fired | <input type="checkbox"/> | <input type="checkbox"/> | | | |

Emergency Procedures Review

| | Yes | No | | Yes | No |
|--|--------------------------|--------------------------|--|--------------------------|--------------------------|
| Weather been reviewed / wind direction | <input type="checkbox"/> | <input type="checkbox"/> | Procedure for non-fired mortars | <input type="checkbox"/> | <input type="checkbox"/> |
| Emergency Plan / Hard Shut-down Procedure | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |

Comments

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Inspector: _____ Lead Operator: _____