



# McHenry Township Fire Protection District

3610 West Elm Street

McHenry, IL 60050

815-385-0075

## Fireworks Display Inspection Form

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:
<b>Must conform to all NFPA 1123 requirements</b>	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

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**


Inspector: \_\_\_\_\_ Lead Operator: \_\_\_\_\_