



PLEASANTVIEW
FIRE PROTECTION DISTRICT
1970 PLAINFIELD ROAD
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Public Display of Fireworks Guidelines

Purpose:

This guideline is intended to provide general guidelines for public displays using pyrotechnic devices (fireworks) and to meet the minimum requirements of Illinois Compiled Statutes (ILCS) (425 ILCS 35/) Pyrotechnic Use Act., International Fire Code, 2015 Edition Chapter 56 and N.F.P.A. Standard # 1123, 2014 Edition.

Scope:

The Pleasantview Fire Prevention Bureau has established general guidelines for the use of pyrotechnic devices used for public display. It details those requirements specific to a public display. These requirements ensure that minimum life safety procedures and practices are met.

Submittal Requirements:

1. A fireworks display permit is required for public displays.
2. The applicant must submit a written application for a permit at least 15 days in advance of the date of the pyrotechnic display to the Pleasantview Fire Prevention Bureau.
3. The Lead Operator shall be 21 years of age and shall provide a copy of the license from IL OSFM as a lead pyrotechnic operator with the permit application.
4. The Lead Operator shall verify that all assistants will be at least 18 years of age at the time of the display. A list of assistant's names, addresses, phone number, age, and a copy of licenses from IL OSFM shall be provided with the application.
5. A bond in the amount of \$1,000 shall be submitted to the Pleasantview of Fire Prevention Bureau. Please make your check or money order payable to the Pleasantview Fire Protection District.
6. A copy of the BATFE License/ Permit issued within the last three years, letter of clearance or proof that license is in process shall be submitted.
7. A current copy of the Illinois Department of Natural Resources Storage Certificate.
8. A current County License/Permit to display fireworks (if applicable).
9. A current Certificate of Insurance showing proof on not less than \$1,000,000 in product and general liability insurance. Certificate of Insurance shall have the name of the property owner(s), sponsor(s), and exhibitor(s) as additional insurance.
10. A copy of a state issued photo ID (front and back) of the shooter(s) conducting the display.
11. A copy of Material Safety Data Sheets for each type of pyrotechnic material to be used.
12. A copy of any applicable ATF license/permit.

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Display Site Plan:

The Lead Operator shall provide a copy of the Display Site Plan. After review of the site plan, a member of the Pleasantview Fire Prevention Bureau shall inspect the area depicted on the site plan. The site plan shall include the following information:

1. Location of the fireworks display
2. Size and location of the discharge site
3. Size and location of the fallout area
4. Fallout area, including dimensions
5. North arrow.
6. Location of spectator viewing area or areas
7. Location of parking area or areas
8. Location of emergency personnel, emergency vehicle staging area, and access routes.
9. Location of structures within display site
10. Location and description of any hazards within the display site.

Inventory Plan:

The Lead Operator shall provide a copy of the Inventory Plan. The Inventory Plan shall include the following information:

1. List the types of fireworks used with mortar sizes (3in. dia., 4in. dia., etc.). The display site radius must have 70 ft. /in for the largest mortar diameter (example: 6in dia. Mortar x 70ft/in. = 420ft. clearance).
2. Quantity of each size aerial shell.
3. Quantity and size of all salutes.
4. Quantity and size of chain-fused aerial shells.
5. Description of all other pyrotechnic displays and ground pieces.

Fireworks Storage at Display Site:

1. Fireworks shall not be unattended.
2. Fireworks shall be kept dry.
3. Shells shall be inspected. Damaged, leaking, wet, or torn shells shall not be used.
4. Aerial shells shall be checked for proper fit into mortars.
5. Ready boxes shall be used for storage of fireworks and located at least 25 feet from mortars. Smoking and open flames are prohibited within 50 ft. of area where fireworks or pyrotechnic materials are present. No Smoking or Open Flame signs must be conspicuously posted in the area.
6. Mortar racks shall be stable and secure.
7. During the (electrical) firing, no one is allowed to enter the firing area of the display.
8. Electrically fired shows require that all technicians shall be positioned a minimum of 100' from any mortar and positioned so as to be protected from the direct line of fire.
9. A continuity test shall be conducted prior to the test fire.

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Fireworks Display Site:

1. Minimum required radius of display site shall be 70 ft. per inch of internal mortar diameter of the largest aerial shell to be fired (Ex. A 6" mortar = 420').
2. Discharge site arranged so that the trajectory of aerial shells shall not be within 25 feet of overhead objects or obstructions.
3. A Pleasantview Fire District representative may order that a display be delayed or immediately stopped if he feels conditions are unsafe, including poor weather or crowd movement within the specified radius..
4. Only the operator, authorized assistants and inspectors representing the Pleasantview Fire District are permitted to be in the display site while display is in progress.
5. Operators and assistants shall only use flashlights, electrical lighting or other non-incentive illumination such as chemical luminescent devices for illuminating the firing and ready box area.
6. The radius for ground pieces of low hazard potential shall be at least 75 feet.
7. The radius for ground pieces of high hazard potential shall be at least 125 feet.
8. The Lead Operator is responsible for post display inspection and accounting for unexploded devices.
9. The Lead Operator shall provide a minimum of two, 2.5 gallon pressurized water extinguishers.
10. The sponsoring organization shall provide barricades/barriers to keep unauthorized personnel out of the site/fallout area.
11. Mortars are to be in good condition. Base plugs in place, no splits, bulges, bent or frayed muzzles.
12. Operator and assistants located within the fallout area are required to have all the proper safety gear/protective clothing on during the firing of the display and immediately after the display.
13. Vehicles used to transport fireworks shall be placarded in accordance with DOT requirements.
14. Operator and assistants must conduct a post display search for any unexploded/unfired fireworks.
15. The Lead Operator shall verify traffic and crowd control arrangements for before, during and after the display.
16. Wherever more than three shells are to be chain fused, such as for sequential firing, additional measures shall be required to prevent adjacent mortars from being repositioned in the event that a shell explodes in a mortar, causing it to burst. Note: Usually other shells are covered with aluminum foil.
17. Single break shells not exceeding 6 in. (152 mm) in diameter shall be permitted to be fired from securely positioned mortar racks.
18. Weather-resistant coverings shall be placed over the mouth of mortars wherever there is imminent danger of water collecting in the mortars.

Event Requirements:

Contact the Pleasantview Fire Prevention Bureau to schedule an inspection. The inspection will include, but is not limited to:

1. Verify licensing of operator and licensed assistants. Verify I.D. and age of all assistants.
2. Inspection/inventory of fireworks shells to be discharged.
3. Inspection of racks to determine proper spacing and bracing.
4. Inspection of mortars used to fire aerial shells.
5. Inspection of ready boxes, etc.
6. Witness continuity test.
7. Witness test fire of largest shell size to be used during show.
8. Coordinate site safety before, during, and after fireworks display.
9. Any unexploded/unfired fireworks must be properly handled and repackaged for return shipment to supplier.

Any empty cardboard boxes with fireworks labeling shall be repackaged and return boxes to supplier

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