



# pennsylvania

DEPARTMENT OF AGRICULTURE  
BUREAU OF RIDE AND MEASUREMENT STANDARDS

## NFPA 1124 (2006 Edition) Consumer Fireworks Facility Compliance Checklist

Location: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

✓ = Pass, X = Fail, NA = Not applicable

Status

CITATIONS ARE FROM NFPA 1124 Chapter 7 (2006 EDITION) UNLESS OTHERWISE NOTED

### LICENSE - SUBMITTAL REQUIREMENTS

Sales of display fireworks (1.3g) and pyrotechnic articles, including the related storage and display for sale of such fireworks and articles, shall be prohibited at a licensed consumer fireworks facility.

The Pennsylvania Department of Agriculture shall insure that all firework facilities are inspected prior to licensure for newly licensed facilities.

1) Provide inventory list. *Paragraph 7.3.24*

a. Records shall be maintained of available inventory on the premise. *Paragraph 7.3.24.1*

2) Sites plans to show the consumer fireworks facility and detailing the sales floor and separation distances. *Paragraph 7.4.2*

a. 300 ft. minimum from any aboveground bulk storage or bulk dispensing area for flammable or combustible liquid, gas, or liquefied gas. *Paragraph 7.3.12.6*

b. Within 30 ft. of the retail area shall be clear of dry grass, dry shrubs, and combustible debris. *Paragraph 7.4.6.1*

c. Storage of fireworks within the fireworks facility shall be in accordance with NFPA 1124.

d. The building or structure does not exceed one story in height. *Paragraph 7.3.5*

e. Show vehicle access and parking areas within 10 ft. of facility. *Paragraph 7.4.6.2*

f. Floor plans showing minimum aisle width and fixture locations. *Paragraph 7.3.3 (4)*

g. Construction details of structure and retail shelving. *Paragraph 7.3.3(6)*

3) Separation from adjacent buildings and structures. *Table 7.4.7.1.1*

a. Less than 10 ft., must have a 2 hour rated fire walls separations with 90 min. opening protection.

b. From 10 ft. to less than 60 ft., must have a 1 hour rated fire wall separation with 45 min. opening protection.

c. Greater than or equal to 60 ft., no ratings required.

4) Any portion of an exterior wall of a facility shall be accessible within 150 ft. of a public way or an approved fire department access. *Paragraph 7.3.4*

5) Constructed in accordance with the Pennsylvania Construction Code Act (P.L. 491, No. 45) or its successor.

6) Heating units shall be listed and shall be used in accordance with their listing. *Paragraph 7.3.17.1*

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<b>ELECTRICAL</b>	
1) Portable Generators – Shall be Prohibited from operating within a fireworks facility. <i>Paragraph 7.4.9.2</i>	
2) Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms. <i>NFPA 70</i>	
3) Extension cords and flexible cords shall be prohibited. <i>NFPA 70</i>	
4) Multi-plug adapters, such as cube adapters, unfused plug strips or any other device shall be prohibited. <i>NFPA 70</i>	
5) Relocatable power taps shall be of the polarized or grounded type, equipped with overcurrent protection, and shall be listed. <i>NFPA 70</i>	
6) Relocatable power taps shall be directly connected to a permanently installed receptacle. <i>NFPA 70</i>	
7) Relocatable power tap cords shall not extend through walls, ceilings, floors, under doors or floor coverings, or be subject to environmental or physical damage. <i>NFPA 70</i>	
8) Extension cords and flexible cords shall be prohibited. <i>NFPA 70</i>	
<b>FIRE PROTECTION</b>	
1) An automatic sprinkler system designed for an Ordinary Hazard, Group 2 occupancy and installed in accordance with NFPA 13, Standard for the Installation of Sprinkler Systems, shall be provided throughout the fireworks facility as follows:	
a. In new buildings greater than 6,000 sq. ft. (557.2 m2) in area.	
b. In existing buildings greater than 7,500 sq. ft. (694 m2) in area	
2) Fire alarm system to be provided per NFPA 101. <i>Paragraph 7.3.9</i>	
3) Any waterflow alarm device shall activate audible and visual alarms throughout the facility. <i>Paragraph 7.4.5.1</i>	
4) Facilities greater than 3,000 sq. ft. are to have a public-address system or means of manually activating the audible and visible alarm indicating devices at a constantly attended location when the facility is occupied. <i>Paragraph 7.4.5.3</i>	
5) 75 ft. maximum travel distance from anywhere in the facility to a portable fire extinguisher. <i>Paragraph 7.3.8.3</i>	
6) Portable fire extinguishers shall be provided as required for extra (high) hazard occupancy. <i>Paragraph 7.3.8.1</i>	
7) Every facility shall have no fewer than two extinguishers with at least one being a rating of 2A ( <i>Paragraph 7.3.6.3</i> ), and the other being a multipurpose dry chemical type if the facility is provided with electrical power. <i>Paragraph 7.3.8.2</i>	
8) Smoke and heat vents designed and installed in accordance with NFPA 204, in new facilities where the ceiling height is less than 10 ft. and the travel distance to an exit is greater than 25 ft. <i>Paragraph 7.3.10.1</i>	
9) Doors and windows in the fire barrier wall shall be self-closing or fixed fire windows fire protection rated of not less than 1 hr. <i>Paragraph 7.5.3.1</i>	
<b>STORE REQUIREMENTS – ADDITIONAL Ch. 7, Paragraph 7.5.1</b>	
1) The area of the retail sales floor occupied by the retail displays of consumer fireworks does not exceed 25 percent of the area of the retail sales floor in the building or 600 sq. ft. (55.5 m2), whichever is less.	
2) Fireworks shall be under the visual supervision of a store employee or other responsible party while the store is open to the public.	
3) Such fireworks shall be packaged and displayed for sale in a manner that will limit travel distance of ejected pyrotechnical components if ignition of the fireworks occurs.	
4) Where consumer fireworks meeting the descriptions of aerial devices and audible ground devices, respectively, are sold, such devices shall be displayed for sale in an area of the store that is physically separated from the rest of the store in a manner that restricts entry by the public, and the area of the store shall be provided with not less than two means of egress, so located that there is no common path of travel and the distance to reach an egress point from the area does not exceed 35 ft.	

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<b>ACCESS / EGRESS</b>		
1) Exits located such that travel distance does not exceed 75 ft. <i>Paragraph 7.3.14.2</i>		
2) Evacuation plan shall be posted in a conspicuous location that is accessible to the public as well as to persons employed or otherwise working in the fireworks facility. <i>Paragraph 7.4.8.2</i>		
3) Fire safety & evacuation plan are on hand in writing and current. <i>Paragraph 7.3.13</i>		
4) At least three (3) exits from the retail sales area or as determined in accordance with NFPA 101, whichever number is greater. <i>Paragraph 7.3.14.1.1</i>		
5) Exits from the retail sales area do not pass through storage rooms. <i>Paragraph 7.3.14.1.2</i>		
6) Aisles.		
a. 48 in. minimum clear width per aisle. <i>Paragraph 7.3.14.3.1.1</i>		
b. At least one aisle provided and is arranged so that travel along the aisle leads directly to an exit. <i>Paragraph 7.3.14.3.2.1</i>		
c. The required width of aisles shall be maintained unobstructed at all times. <i>Paragraph 7.3.14.3.1.2</i>		
d. Where cross-aisles are required, at least one cross-aisle shall have an end terminate at or within 10 ft. of an exit. <i>Paragraph 7.3.14.3.2.7</i>		
e. Dead-end aisles shall be prohibited. <i>Paragraph 7.3.14.3.2.4</i>		
7) Egress doors to be side hinged that swing in the direction of egress. <i>Paragraph 7.3.14.4.3</i>		
8) Exit signs required to be self-luminous or internally or externally illuminated. <i>Paragraph 7.3.14.5.2</i>		
9) Emergency lighting shall be provided and in accordance with NFPA 101. <i>Paragraph 7.3.14.6.2</i>		
10) Egress doors that latch are provided with panic hardware. <i>Paragraph 7.3.14.2</i>		
11) No consumer fireworks shall be displayed for sale or stored within 5 ft. (1.5 m) of any public entrance in an enclosed building or structure. <i>Paragraph 7.3.19.2.1</i>		
12) No consumer fireworks shall be displayed for sale or stored within 2 ft. (0.6 m) of any exit or private entrance in an enclosed building or structure. <i>Paragraph 7.3.19.2.2</i>		
13) Means of egress, including but not limited to aisles, doors, and exit discharge, shall always be clear when the facility or the building is occupied. <i>Paragraph 7.3.19.1</i>		
<b>DISPLAY AREA</b>		
1) The floor area occupied by the retail displays of consumer fireworks in facilities shall not exceed 40 percent of the available floor area within the retail sales area. <i>Paragraph 7.4.10</i>		
2) Not less than 50 percent of the available floor area within the retail sales area shall be open space that is unoccupied by retail displays and used only for aisles and cross-aisles. <i>Paragraph 7.3.20</i>		
3) Partitions, counters, shelving, cases and similar dividers shall not exceed 6 ft. in height above the floor inside the perimeter of the retail sales area. <i>Paragraph 7.3.15.2</i>		
4) Merchandise displays located along perimeter of retail sales are maximum height of 12 ft. <i>Paragraph 7.3.15.2.2</i>		
5) Combustible materials and merchandise shall not be stored directly above consumer fireworks in retail sales displays unless a horizontal barrier is installed in accordance with NFPA 430. <i>Paragraph 7.3.15.7</i>		
6) Covered fuse – only consumer fireworks meeting the criteria for covered fuses (NFPA 1124 Chapter 3, Paragraph 3.3.22) or as described in paragraph 7.3.15.5.2 shall be permitted in retail sales areas. <i>Paragraph 7.3.15.5.1</i>		
7) Flame breaks in the retail sales area shall be installed in accordance with Section 7.3.15.3 Flame Breaks.		
8) Heating equipment shall be installed and used in accordance with Section 7.3.17 Heating Equipment.		
9) No consumer fireworks shall be displayed for sale or stored within 5 ft. of a public entrance or 2 ft. of a private entrance. <i>Paragraph 7.3.19.2.1 &amp; Paragraph 7.3.19.2.2</i>		
10) At least one sign with minimum 4 in. high letters on contrasting background reads as follows “NO FIREWORKS DISCHARGE WITHIN 300 FEET” is conspicuously posted on the exterior of each side of the facility. <i>Paragraph 7.4.6.3</i>		
11) At least one sign with minimum 2 in. high letters on contrasting background reads as follows “ FIREWORKS – NO SMOKING” shall be posted at each entrance or within 10 ft. of every aisle serving the facility. <i>Paragraph 7.3.11.1</i>		