

DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF FIRE SERVICES
FIRE MARSHAL DIVISION
RETAIL FIREWORKS SELF INSPECTION GUIDE

STORE FIREWORKS SALES AREAS

Please note that this self-inspection guide is not all inclusive of all code requirements of NFPA 1124 and should be used only as a guide for determining general compliance. The certificate holder is responsible for ensuring that the facility meets all requirements of NFPA 1124, the Michigan Fireworks Safety Act and the Fireworks Safety General Rules.

- Area of retail sales floor for fireworks does not exceed 25% of total sales floor area or 600 sq ft. whichever is less. 7.5.1

EXTERIOR

- Single story building. 7.3.5
- Fire Department Access within 150 ft. from any wall. 7.3.4
- Fuel dispensing \geq 50ft. 7.3.12.1
- Aboveground bulk storage \geq 300 ft. 7.3.12.6

LIFE SAFETY SYSTEMS

- Sprinkler system by 1/1/2013 if $>$ 6000 sq. ft. (New Buildings), $>$ 7500 sq ft. (Existing Buildings) 7.3.6
- Manual fire alarm system if \geq 30,000 sq ft. NFPA 101 36.3.4.1
- PA or manual notification with audible and visual devices at constantly attended location if $>$ 3000 sq ft. but less \leq 30,000 sq ft. 7.5.4
- Smoke vents with detection if ceilings \leq 10' & \geq 25' travel. 7.3.10.1

FIRE EXTINGUISHERS

- Minimum 2 2A, 1 water & 1 dry chemical if electrical provided. 7.3.8.2
- Additional 1A for every 1,000 sq ft. 7.3.8.1
- Maximum travel distance to extinguisher 75'. 7.3.8.3

MEANS OF EGRESS

- Minimum of 2 exits from sales area. 7.5.1.2
- 35' maximum travel distance, no common path. 7.5.1.2
- Aisles 48" with 1 direct to exit. 7.3.14.3.1, 7.3.14.3.2.1
- All exits within 10' of aisle or cross-aisle, 7.3.14.3.2.2
- No dead end aisles. 7.3.14.3.2.4
- Cross-aisles provided where more than 1 aisle is provided, at intervals not greater than 50' and terminate within 10' of exit. 7.3.14.3.2
- Doors 32" clear width with swing in direction of egress. 7.3.14.4
- Panic hardware provided if latching. 7.3.14.4.2
- Exit signs provided and illuminated. 7.3.14.5.2
- Emergency lighting provided. 7.3.14.6.2

PORTABLE GENERATORS

- Class I, II or III combustible liquid fuels. 7.3.18.1
- Fuel limited to 5 gal. 7.3.18.1

GENERAL

- Certificate prominently displayed. PA 256 4(7)
- Public liability & product liability insurance coverage \geq \$10,000,000. PA 256 5(3)
- Fire safety & evacuation plan maintained current. 7.3.13
- "NO SMOKING" signs provided at each entrance. 7.3.11.2
- No smoking inside or within 50' of the building. 7.3.11.1
- Fireworks storage rooms 1 hour or sprinkler system. 7.3.7
- No open flame or exposed element heating equipment. 7.3.17
- Brooms & dustpans non-sparking. 7.3.21.4
- Damaged fireworks removed and not sold. 7.3.21.5

DISPLAYS

- Maximum 6' height, 12' at exterior walls. 7.3.15.2
- Minimum 5' from public entrance. 7.3.19.2
- Minimum 2' from exits & employee entrance. 7.3.19.2.2
- Maximum 50% of the fireworks retail floor area. 7.3.20
- Under visual supervision of employee. 7.5.1.2
- Physically separated to restrict access. 7.5.1.2
- Packaged fireworks only. 7.5.1.2
- All fuses are covered within packaging. 7.3.15.5
- Aerial devices displayed to limit travel distance. 7.3.15.6

FLAME BREAKS

- Minimum 6" above storage height or to shelf above. 7.3.15.3.2
 - Maximum 16' of shelf length between flame breaks. 7.3.15.3.1
 - Maximum 32' for packaged fireworks. 7.3.15.3.4
 - Maximum 32' for unpackaged fireworks with 8' of open space or packaged fireworks. 7.3.15.3.3
 - Between back to back shelving, 1/4" perforated hardboard with 1/2" air gap between displays. 7.3.15.3.8
 - Flame breaks not required if full sprinkler system. 7.5.5
- * Freestanding displays exempt if 4' x 8' x 6' height with aisle separation.
* End shelves exempt with 3" air gap, and $<$ 36" depth. 7.3.15.3.7, 7.3.15.4.3

SHELVING

- Shelving shall not have $>$ 10% perforation. 7.3.15.4.1
 - Hanging displays or bins permitted with not more than 1/4" perforated hardboard with 1/2" air gap between displays. 7.3.15.4.2
- * End shelves exempt with 3" air gap, and \leq 36" depth. 7.3.15.4.3