

Seattle Fire Department

Permit Conditions

801-V

Site Address: _____

Inspector: _____

Aerosol Products

NOTICE

This permit shall be kept on the premises designated herein at all times and shall be readily available for inspection by the fire code official. (SFC 105.3.5)

The fire code official shall be immediately notified by calling 9-1-1 when an unauthorized discharge of a hazardous material becomes reportable under state, federal, or local regulations, or when any release inside or outside a building could present a fire or life safety hazard. (SFC 5003.3.1)

RETAIL AREA:

1. Safety Data Sheet (SDS) information for aerosol products displayed shall be kept on the premises at an approved location. (SFC 5101.3)
2. Metal aerosol containers shall be limited to a maximum size of 33.8 fluid ounces (1000 ml). Plastic aerosol containers shall be limited to a maximum of 4 fluid ounces (118 ml) except as provided in Sections 5104.1.1 and 5104.1.2. Glass aerosol containers shall be limited to a maximum of 4 fluid ounces (118 ml). (SFC 5101.4)
3. Aerosol products, aerosol cooking spray products and plastic aerosol 3 products in retail display areas shall not exceed quantities needed for display and normal merchandising and shall not exceed the quantities in Table 5106.2.1. (SFC 5106.2.1)

TABLE 5106.2.1
MAXIMUM QUANTITIES OF LEVEL 2 AND 3 AEROSOL PRODUCTS, AEROSOL COOKING SPRAY PRODUCTS AND PLASTIC AEROSOL 3 PRODUCTS IN RETAIL DISPLAY AREAS

MAXIMUM NET WEIGHT PER FLOOR (pounds) ^b			
Floor	Unprotected ^a	Protected in accordance with Section 5106.2 ^{a, c}	Protected in accordance with Section 5106.3 ^c
Basement	Not Allowed	500	500
Ground	2,500	10,000	10,000
Upper	500	2,000	Not Allowed

For SI: 1 pound = 0.454 kg, 1 square foot = 0.0929 m².

- a. The total quantity shall not exceed 1,000 pounds net weight in any one 100-square-foot retail display area.
- b. Per 25,000-square-foot retail display area.
- c. Minimum Ordinary Hazard Group 2 wet-pipe automatic sprinkler system throughout the retail sales occupancy.

4. Level 2 and 3 aerosol products shall not be stacked more than 6 feet (1829 mm) high from the base of the aerosol product array to the top of the aerosol product array unless the aerosol products are placed on fixed shelving or otherwise secured in an approved manner. Where storage or retail display is on shelves, the height of such storage or retail display to the top of aerosol products shall not exceed 8 feet (2438 mm). (SFC 5106.2.3)
5. Where an automatic sprinkler system is required for the protected retail display of aerosol products, the wet-pipe automatic sprinkler system shall be in accordance with Section 903.3.1.1.

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The minimum system design shall be for an Ordinary Hazard Group 2 occupancy. The system shall be provided throughout the retail display area. (SFC 5106.2.5)

- 6. Aerosol products located in retail display areas shall be removed from combustible cartons. (SFC 5106.2.4)
Exceptions:
 - Display using a portion of combustible cartons which consists of only the bottom panel and not more than 2 inches of the side panel is allowed.
 - When the retail sales area is protected in accordance with NFPA 30B, storage of aerosol products in combustible cartons allowed.

- 7. A minimum rated 40-BC fire extinguisher shall be located within 30 feet of all aerosol storage, use and handling. (SFC 906)

STORAGE AREA:

- 8. Aerosol products in storage areas adjacent to retail display areas shall not exceed the quantities in Table 5106.4. (SFC 5106.4)

**TABLE 5106.4
 MAXIMUM STORAGE QUANTITIES FOR STORAGE AREAS ADJACENT TO RETAIL DISPLAY
 OF LEVEL 2 AND 3 AEROSOL PRODUCTS AND PLASTIC AEROSOL 3 PRODUCTS**

MAXIMUM NET WEIGHT PER FLOOR (pounds)			
Floor	Unseparated ^{a, b}	Separated	
		Storage cabinets ^b	1-hour occupancy separation
Basement	Not Allowed	Not Allowed	Not Allowed
Ground	2,500	5,000	In accordance with Sections 6.4.4.3 and 6.4.4.4 of NFPA 30B
Upper	500	1,000	In accordance with Sections 6.4.4.3 and 6.4.4.4 of NFPA 30B