

Seattle Fire Department

Permit Conditions

801-T

Site Address: _____

Inspector: _____

Unstable (Reactive) Liquids and Solids

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, including cryogenic fluids, 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 2703.3.1)

Indoor Storage Over MAQ

1. Unstable (reactive) materials stored in quantities greater than 500 cubic feet shall be separated into piles, each not larger than 500 cubic feet. Aisle width shall not be less than the height of the piles or 4 feet, whichever is greater. Exception: Materials stored in tanks. [2006 SFC 4304.1.4]
2. Unstable (reactive) materials shall not be stored in basements. [2006 SFC 4304.1.5]
3. Floors of storage areas for liquids and solids shall be of liquid tight construction. [2006 SFC 4304.1.3]
4. Indoor storage rooms, areas and buildings containing Class 3 or Class 4 unstable (reactive) materials shall be provided with approved explosion control. [2006 SFC 4304.1.2]

Outdoor Storage Over MAQ:

5. Outdoor storage of Class 2 or Class 1 unstable (reactive) materials shall not be located within 20 feet of buildings not associated with the manufacture or distribution of such materials, property lines, streets, alleys, public ways or means of egress. An unpierced two-hour fire-barrier that interrupts the line of sight between the storage and the exposure is allowed in lieu of the setback distance. [2006 SFC 4304.2.3]
6. Outdoor storage of Class 4 or 3 (detonable) unstable (reactive) material shall be in accordance with Table 3304.5.2(2) (attached). [2006 SFC 4304.2.1]
7. Outdoor storage of deflagratable Class 3 unstable (reactive) material shall be in accordance with Table 4304.5.2.3(3) (attached). [2006 SFC 4304.2.2]
8. Piles of unstable (reactive) materials shall not exceed 1,000 cubic feet. Aisle widths between piles shall not be less than one-half the height of the pile or 10 feet, whichever is greater. [2006 SFC 4304.2.4, 4304.2.5]