

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 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)

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. (SFC 6604.1.4)
2. Unstable (reactive) materials shall not be stored in basements. (SFC 6604.1.5)
3. Floors of storage areas for liquids and solids shall be of liquid-tight construction. (SFC 6604.1.3)
4. Indoor storage rooms, areas and buildings containing Class 3 or Class 4 unstable (reactive) materials shall be provided with approved explosion control in accordance with SFC Section 911. (SFC 6604.1.2)

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. The minimum required distance shall not apply where fire barriers without openings or penetrations having a minimum fire-resistance rating of 2 hours interrupt the line of sight between the storage and the exposure. The fire barrier shall either be an independent structure or the exterior wall of the building adjacent to the storage area. (SFC 6604.2.3)
6. Outdoor storage of Class 4 or 3 (detonable) unstable (reactive) material shall be in accordance with SFC Table 5604.5.2(2). The number of pounds of material listed in the table shall be the net weight of the material present. Alternatively, the number of pounds of material shall be based on a trinitrotoluene (TNT) equivalent weight. (SFC 6604.2.1)
7. Outdoor storage of deflagratable Class 3 unstable (reactive) material shall be in accordance with SFC Table 5604.5.2.3(3). The number of pounds of material listed shall be the net weight of the material present. (SFC 6604.2.2)
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. (SFC 6604.2.4, 6604.2.5)