

Seattle Fire Department

Permit Conditions

1101

Site Address: _____

Inspector: _____

Combustible Material Storage

PERMIT CONDITIONS:

All of the following conditions must be met prior to issuance of a permit.

INDOOR COMBUSTIBLE MATERIAL STORAGE:

1. Storage shall be maintained 2 feet or more below the ceiling in non-sprinklered areas of buildings. Storage shall be maintained 18 inches or more below sprinkler head deflectors in sprinklered areas of buildings. (SFC 315.3.1)
Exceptions: The 2 foot ceiling clearance is not required for storage along walls in nonsprinklered areas of buildings and the 18 inch ceiling clearance is not required for storage along walls in buildings equipped with an automatic sprinkler system.
2. Storage height shall not exceed 12 feet for combustible materials and 6 feet for high-hazard materials such as rubber tires, flammable liquids and idle pallets and similar products.
Exception: Storage height is allowed to exceed 12 feet for an aggregate storage area not exceeding 500 square feet. (SFC 105.3)
3. Storage shall be within 20 feet of two aisles each at least 44 inches wide. (SFC 315.3.5)
4. No block pile shall exceed 40 x 40 feet, unless approved by the fire code official. (SFC 315.3.5)
5. No dead end aisle shall be longer than 10 times its width. (SFC 315.3.5)
6. All storage in unsprinklered areas shall be within 150 feet aisle travel of an exterior door. (SFC 315.3.5)
7. Storage shall not obstruct access to fire extinguishers, standpipe outlets, sprinkler control valves, manual fire alarm boxes, or fire department access openings. (SFC 504.1 905.7, 906.6, and 907.4.2.6)
8. Oily rags and other materials susceptible to spontaneous ignition shall be stored in listed metal, metal-lined or other approved noncombustible containers equipped with tight-fitting covers. Contents of such containers shall be removed from the building and disposed of daily. (SFC 304.3.1)
9. Rubbish containers exceeding 5.33 cubic feet (40 gallons) capacity shall be constructed of non-combustible materials or approved combustible materials and shall be provided with lids.
Exception: Waste accumulated for collection by the solid waste utility shall be stored in containers (to include recycling containers) specified in the City's solid waste collection contracts authorized by ordinance.
(SFC 304.3.2)

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10. Dumpsters and containers with an individual capacity of 1.5 cubic yards (40.5 cubic feet) or more shall not be stored in buildings or placed within 5 feet of combustible walls, openings or combustible roof eaves.

- Exceptions:**
1. Areas protected by an approved automatic sprinkler system.
 2. Structures of Types I and Type II-A construction located not less than 10 feet from other buildings and used exclusively for dumpster or container storage.
 3. Dumpsters or containers that are located adjacent to buildings where the exterior area is protected by an approved automatic sprinkler system. (SFC 304.3.3)

11. Weeds, grass, vines and other growth that is capable of being ignited and endangering property shall be removed by the owner or occupant. (SFC 304.1.2)

12. Combustible material shall not be stored in exits, exit enclosures, boiler rooms, mechanical rooms or electrical equipment rooms. (SFC 315.3.2, 315.3.3 and 1031.2)

13. Combustible materials shall not be stored in attics, under-floor or other concealed spaces (e.g., crawl spaces, under porches, etc.) unless

- those spaces are protected on the storage side as required for 1-hour fire-resistance-rated construction,
- openings are protected by assemblies that are self-closing, and
- openings assemblies are of noncombustible construction or solid wood core not less than 1.75 inches in thickness.

- Exceptions:**
1. Areas protected by approved automatic sprinkler systems.
 2. Group R-3 and Group U occupancies. (SFC 315.3.4)

14. Storage of combustible materials is prohibited under stairways unless specifically authorized by this permit. (SFC 315.3.2.1)