

Seattle Fire Department

Permit Conditions

3401

Site Address: _____

Inspector: _____

Automobile Wrecking Yard

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 combustible liquid 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)

1. There will be no reclaiming or dispensing of flammable and combustible liquids from any vehicles on the premises until a written plan proposing a method of performing these processes have been submitted to and approved by the fire code official. [2006 SFC 104.5]
2. Fire apparatus access roads shall be located and maintained within 150 feet of any tire storage pile and at least 20 feet from any storage pile. [2006 SFC 2506]
3. Combustible waste material creating a fire hazard shall not be allowed to accumulate in buildings or structures or upon the premises. [2006 SFC 304.1]
4. Keep combustible materials, including grass and vegetation at least 15 feet away from flammable and combustible liquid storage areas. [2006 SFC 3404.2.6, 3404.4.6 and 3404.3.6.3]
5. Maintain tire storage piles to not more than 5,000 square feet of continuous area and not more than 10 feet in height. [2006 SFC 2505.1]
6. Keep tire storage piles separated from other piles of salvage or stored product by at least 40 feet. [2006 SFC 2505.2 and 2505.3]
7. Maintain a distance of at least 50 feet between tire storage piles and lot lines and buildings. [2006 SFC 2505.4]
8. Tires shall be stored on racks in an approved manner. [2006 SFC 2505]
9. Maintain a distance of 40 feet from the tire storage to grass and weeds and a distance of 100 feet from the tire storage to brush and forested areas. [2006 SFC 2505.5]
10. Offices, storage buildings and vehicles used for site operations shall each be provided with at least one portable fire extinguisher with a rating of not less than 4-A:40-B:C. When required by the chief, additional portable fire extinguishers shall be provided in specific use areas in accordance with NFPA 10. [2006 SFC 906.1]
11. The storage, use and handling of motor vehicle fluids and other hazardous materials, including those used to

Seattle Fire Department

Permit Conditions

3401

Site Address: _____

Inspector: _____

Automobile Wrecking Yard

operate air bags and electrical systems, shall be in accordance with Seattle Fire Code Chapters 22, 27, 30, 31 and 33. [2006 SFC 104.5]

12. Supplies or equipment capable of mitigating leaks from fuel tanks, crankcases, brake systems and transmissions shall be kept available on site. Single-use plugging, diking, and absorbent materials shall be disposed of as hazardous waste and removed from the site in a manner approved by federal, state or local requirements. [2006 SFC Chapters 27 and 34]
13. The storage, handling and disposal of other regulated materials, including but not limited: mercury switches, antifreeze, lead acid batteries and freon/refrigerants shall be in accordance with federal, state and local regulations. [2006 SFC 104.5]
14. Materials susceptible to spontaneous ignition, such as oily rags, shall be stored in a listed metal disposal container with a self closing lid. Contents of such containers shall be removed and disposed of daily. [2006 SFC 304.3.1, 105.8]
15. Clearance between combustible material and ignition sources, such as luminaires, heaters, and flame producing devices shall be maintained in an approved manner. [2006 SFC 305.1]

FLAMMABLE AND COMBUSTIBLE LIQUID STORAGE AND USE

16. Containers, cylinders and tanks shall be of an approved type and shall be designed in accordance with nationally recognized standards. [2006 SFC 2703.2.1, 3404.3.1]
17. The storage of empty containers and tanks previously used for the storage of flammable or combustible liquids, unless free from residual material and explosive vapors, shall be stored as required for filled containers and portable tanks. [2006 SFC 3404.3.3.4]
18. Portable tanks and containers, when emptied, shall have the covers or plugs immediately replaced in openings. [2006 SFC 3404.3.3.4]
19. Provisions shall be made for controlling and mitigating unauthorized discharges. [2006 SFC 2703.3.1.2]
20. Hazardous materials in any quantity shall not be released into a sewer, storm drain, ditch, drainage canal, creek, stream, river, lake, or tidal waterway, or upon the ground, sidewalk, street, highway, or into the atmosphere.
EXCEPTIONS: 1. Releases or emissions allowed by federal, state or local regulations or permits.
2. Release of pesticides when in accordance with registered label directions.
3. Release of fertilizer and soil amendments in accordance with manufacturer's specifications.
[2006 SFC 2703.3]
21. The person, firm, or corporation responsible for an unauthorized discharge shall institute and complete all actions necessary to remedy the effects of such unauthorized discharges, whether sudden or gradual, at no cost to the jurisdiction. [2006 SFC 2703.3.1.4]

Seattle Fire Department

Permit Conditions

3401

Site Address: _____

Inspector: _____

Automobile Wrecking Yard

22. Visible hazard identification signs as specified by NFPA 704 shall be placed on stationary containers and aboveground tanks and at entrances to locations with flammable and combustible liquids are stored, dispensed used or handled in quantities requiring a permit and at specific entrances and locations designated by the fire code official. [2006 SFC 2703.5, 3403.5.2]
23. Each tank shall bear a permanent nameplate or marking indicating the standard used as the basis of design. [2006 SFC 3404.2.7]
24. Tanks more than 100 gallons in capacity shall bear a label and placard identifying the materials therein. Placards shall be in accordance with NFPA 704.
EXCEPTIONS: 1) Tanks of 300-gallon capacity or less located on private property and used for heating and cooking fuels in single family dwellings. 2) Tanks located underground. [2006 SFC 3404.2.3.2]
25. Individual containers, cartons or packages shall be conspicuously marked or labeled in an approved manner and in accordance with nationally recognized standards. [2006 SFC 2703.5.1, 3403.5.4]
26. 26. Smoking and open flames shall be prohibited as follows, and approved "NO SMOKING" signs shall be posted as follows:
 - In rooms or areas where flammable and combustible liquids are stored, or dispensed or used in open systems, in amounts requiring a permit.
 - Within 25 feet of outdoor storage, dispensing or open use areas. [2006 SFC 2703.7.1, 3404.2.3.1]
27. Warning signs shall be of a durable material, shall have white lettering on a red background and shall read: DANGER - FLAMMABLE LIQUIDS. Letters shall not be less than 3 inches in height and 0.5 inch in stroke. [2006 SFC 3403.5.1]
28. Required signs and markings shall not be obscured or removed, shall be in English as a primary language or in approved symbols. [2006 SFC 2703.6]
29. A minimum rated 40BC fire extinguisher shall be located within 30 feet of all flammable and combustible liquid storage and use. [2006 SFC 906.3, 3404.3.3.1]
30. Flammable and combustible liquids and other combustible materials shall not be stored near or be allowed to obstruct physically the route of egress. [2006 SFC 3404.3.3.3]
31. Flammable and combustible liquids and other combustible materials shall not be stored in exits or exit enclosures or under exit stairways unless such stairways are in accordance with SFC 1009.5.3. [2006 SFC 315.2.2]
32. Electrical wiring and equipment shall be installed and maintained in accordance with the Electrical Code. [2006 SFC 2703.9.4]

Seattle Fire Department

Permit Conditions

3401

Site Address: _____

Inspector: _____

Automobile Wrecking Yard

33. When processes or conditions exist where a flammable mixture could be ignited by static electricity, means shall be provided to prevent the accumulation of a static charge. [2006 SFC 2703.9.5]
34. Incompatible materials in storage and storage of materials that are incompatible with materials being used shall be separated when the stored materials are in containers having a capacity of more than 5 pounds or 1/2 gallon. Separation shall be accomplished by one of the following methods:
- Segregating incompatible materials in storage by a distance of not less than 20 feet,
 - Isolating incompatible materials in storage by a noncombustible partition extending not less than 18 inches above and to the sides of the stored material,
 - Storing liquid and solid materials in approved hazardous materials or flammable liquid storage cabinets, or
 - Storing compressed gases in approved gas cabinets or exhausted enclosures.
 - Materials that are incompatible shall not be stored within the same cabinet or exhausted enclosure. [2006 SFC 2703.9.8, 3404.2.6]
35. Containers in piles shall be stacked in such a manner as to provide stability and to prevent excessive stress on container walls. [2006 SFC 3404.3.3.10]
36. Flammable and combustible liquid storage areas shall be kept free of weeds, debris and common combustible materials not necessary to the storage. The area surrounding an outdoor storage area shall be kept clear of such materials for a minimum of 15 feet. [2006 SFC 2703.12, 3404.2.6]
37. Outdoor storage areas shall be located not closer than 20 feet from a lot line that can be built upon, public street, public alley or public way. A two-hour fire-resistance-rated wall without openings extending not less than 30 inches above and to the sides of the storage area is allowed in lieu of such distance. [2006 SFC 2703.12]
38. Dispensing shall not be conducted within 15 feet of buildings or combustible materials or within 25 feet of building openings, lot lines, public streets, public alleys or public ways.
- EXCEPTIONS:** 1) Class III liquids. 2) Flammable and combustible liquid dispensing in refineries, chemical plants, process facilities, gas and crude oil production facilities and oil blending and packaging facilities, terminals and bulk plants. [2006 SFC 3405.3.8.2]

HOT WORK

39. Management shall designate a facility employee to be the "responsible person" who shall be responsible for overseeing the onsite hot workers to ensure that required hot work safety measures are taken to prevent fires and fire spread. [2006 SFC 2602.1]
40. The "responsible person" shall be trained in the safety and fire safety considerations concerned with hot work. [2006 SFC 2602.1]
41. The "responsible person" shall survey hot work areas and conduct a pre-hot-work check prior to commencement of hot work. [2006 SFC 2604.3.1]

Seattle Fire Department

Permit Conditions

3401

Site Address: _____

Inspector: _____

Automobile Wrecking Yard

42. The required pre-hot-work check shall determine compliance with, all of the following:
 - a. Hot work equipment to be used shall be in satisfactory operating condition and in good repair.
 - b. Hot work site is clear of combustibles or combustibles are protected.
 - c. Fire extinguishers and fire hoses (where provided) are operable and available.
[2006 SFC 2604.3.1]
43. The individuals responsible for performing the hot work shall have fire-extinguishing equipment readily available and shall be trained in the use of such equipment. [2006 SFC 2604.2.4]
44. A minimum of one portable fire extinguisher having a minimum 2-A: 40-B:C rating and where required by the fire code official, a charged water hose equipped with a nozzle, shall be readily accessible within 30 feet of the location where hot work is performed. [2006 SFC 2604.2.6]
45. Areas where hot work is conducted shall not contain combustibles or shall be provided with appropriate shielding to prevent sparks, slag or heat from igniting exposed combustibles. [2006 SFC 2604.1.1]
46. Flammable and combustible liquid storage and dispensing shall be separated from hot work operations by a minimum of 50 feet. [2006 SFC 105.3]
47. Cylinders, valves, regulator, hose and other apparatus and fittings for oxygen shall be kept free from oil or grease. Oxygen cylinders, apparatus and fittings shall not be handled with oily hands, oily gloves, or greasy tools or equipment. [2006 SFC 2605.3]
48. Fuel gas cylinders shall be separated from compressed oxygen cylinders and liquid oxygen containers by a minimum of 20 feet or by a barrier of noncombustible construction at least five feet high giving a fire-resistant rating of a least ½ hour. The barrier shall interrupt all lines of sight between oxygen and fuel gas cylinders within 20 feet of each other. [2006 SFC 2605.4.4]

ELECTRIC ARC HOT WORK

49. The frame or case of electric hot work machines, except internal-combustion-engine-driven machines, shall be adequately grounded. [2006 SFC 2606.1]
50. Welding return currents from the work to the machine shall have proper electric contact at joints. The electric contact shall be periodically inspected. [2006 SFC 2606.2]
51. Electrodes (i.e. welding rods) shall be removed from the holders when electric arc hot work is discontinued for any period of 1 hour or more. The holders shall be located to prevent accidental contact and the machines shall be disconnected from the power source. [2006 SFC 2606.3]
52. A switch or circuit breaker shall be provided so that fixed electric welders and control equipment can be disconnected from the supply circuit. The switch or circuit breaker shall be marked EMERGENCY DISCONNECT and shall be visible from the equipment. [2006 SFC 2606.4]

Seattle Fire Department

Permit Conditions

3401

Site Address: _____

Inspector: _____

Automobile Wrecking Yard

53. Damaged cables shall be removed from service until it has been properly repaired or replaced.
[2006 SFC 2606.5]

TIRE AND TIRE BY-PRODUCT STORAGE

OUTDOOR STORAGE:

54. Open burning is prohibited in tire storage yards. (2006 SFC 2504.1)
55. Cutting, welding, other hot work or heating devices shall not be operated in tire storage yards, except in approved designated areas. (2006 SFC 2504.2)
56. Smoking is prohibited in tire storage yards, except in approved designated areas. (2006 SFC 2504.3)
57. Tire storage piles shall not be located beneath electrical power lines having a voltage in excess of 750 volts or that supply power to fire emergency systems. (2006 SFC 2504.4)
58. Where the bulk volume of stored material is more than 20,000 cubic feet, a firmly anchored fence or other approved method of security that controls unauthorized access to the storage yard shall surround the storage yard. (2006 SFC 2507.1)
59. All gates to the storage yard shall be locked when the storage yard is not staffed. (2006 SFC 2507.3)
60. Gateways shall be kept clear of obstructions and be fully openable at all times. (2006 SFC 2507.4)
61. Where the bulk volume of stored product is more than 150,000 cubic feet, storage arrangement shall be in accordance with the following:
- Individual storage piles shall comply with the requirements noted above for outdoor storage piles.
 - Adjacent storage piles shall be considered a group and the aggregate volume of storage piles in a group shall not exceed 150,000 cubic feet.
 - Separation between groups shall be at least 75 feet wide. (2006 SFC 2505.6)
62. A public or private fire protection water supply shall be arranged such that any part of the storage yard can be reached by using not more than 500 feet of hose. (2006 SFC 2508.1)
63. Fuel-fired vehicles operating in the storage yard shall be equipped with a minimum 2-A:20-B:C rated portable fire extinguisher. (2006 SFC 2508.2)