

2009 SEATTLE FIRE CODE

Activities Requiring a Permit

To download a permit application, write down the Permit Search Category of the desired permit and then use the online [Permit Search](#) to download the application.

If you are not sure whether or not you are required to obtain a permit, please call the Seattle Fire Department Permit Unit for assistance at (206) 386-1450 Monday - Friday - 8:00 AM to 5:00 PM

Activity or operation	Permit required:	Permit Search Category		
Aerosol products	To manufacture, store or handle an aggregate quantity of Level 2 or Level 3 aerosol products in excess of 500 pounds (227 kg) net weight. (SFC 105.6.1)	Hazardous Materials		
Amusement Buildings	To operate a special amusement building. (SFC 105.6.2) See also Special Events .	Special Events & Assembly Occupancies		
Assembly occupancy	To operate an assembly occupancy with an occupant load of 100 or more. (SFC 105.6.35)	Special Events & Assembly Occupancies		
Aviation facilities	To use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. (SFC 105.6.3)	Special Occupancy Uses		
Carnivals and fairs	To conduct a carnival or fair that does not already require a City of Seattle Special Events permit. (SFC 105.6.4) See also Special Events .	Special Events & Assembly Occupancies		
Battery systems	To install, maintain and operate stationary lead-acid battery systems having an electrolyte liquid capacity of more than 50 gallons (189 L). (SFC 105.6.5.1 & 105.7.1)	Building Systems & Maintenance		
Bonfires	To ignite a bonfire. (SFC 105.6.5.2)	Special Events & Assembly Occupancies		
Canopies, tents	To erect an air-supported temporary membrane structure or a tent having an area in excess of 200 square feet, or a canopy in excess of 400 square feet. (SFC 105.7.10) See also Special Events .	Special Events & Assembly Occupancies		
Cellulose nitrate film	To store, handle or use cellulose nitrate film in a Group A occupancy. (SFC 105.6.6)	Hazardous Materials		
Combustible dust-producing operation	To operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in SFC Chapter 2. (SFC 105.6.7)	Miscellaneous Operations		
Combustible fibers	To store or handle combustible fibers in quantities greater than 100 cubic feet (2.8 m3). (SFC 105.6.8.1)	Miscellaneous Operations		
Combustible material storage	To store in any building or upon any premises in excess of 2500 cubic feet (71 m3) gross volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork, or similar combustible material. (SFC 105.6.8.2)	Miscellaneous Operations		
Compressed gases	1. To store, use or handle compressed gases in excess of the amounts listed:	Hazardous Materials		
	Type of Gas		Amount (cubic feet at NTP)	
	Corrosive		200	
	Flammable (except cryogenic fluids and LP-gas)		200	
	Highly toxic		Any amount	
	Inert and simple asphyxiant		6,000	
	Oxidizing (including oxygen)		504	
	Toxic		Any amount	
	2. To install, repair damage to, abandon, remove, place temporarily out of service, or close or substantially modify a compressed gas system. (SFC 105.6.9 & 105.7.2)			
Covered mall building	For the: 1. Placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall. 2. Display of liquid- or gas-fired equipment in the mall. 3. Use of open-flame or flame-producing equipment in the mall. (SFC 105.6.10.1) See also Special Events .	Special Events & Assembly Occupancies		
Cruise ship hazardous operations	To conduct hazardous operations on a cruise ship at a passenger terminal (e.g. hot work and fuel transfers). (SFC 105.6.10.2)	Miscellaneous Operations		
Cryogenic fluids	To produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed: (SFC 105.6.11)		Hazardous Materials	
	Type of cryogenic fluid	Inside a building (gallons)		Outside a building (gallons)
	Flammable	More than 1		60
	Inert	60	500	

	Oxidizing (incl. oxygen)	10	50		
	Physical or health hazard not indicated above	Any amount	Any amount		
Cutting and welding	See hot work operations. (SFC 105.6.12)			Hot Work Operations	
Dry cleaning plants	To engage in the business or dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment. (SFC 105.6.13)			Special Occupancy Uses	
Exhibits and trade shows	To operate exhibits and trade shows. (SFC 105.6.14) See also Special Events .			Special Events & Assembly Occupancies	
Explosives	The storage, handling sale or use of any quantity of explosive, explosive material, fireworks, or pyrotechnic special effects within the scope of SFC Chapter 33. The manufacture of explosives is prohibited! (SFC 105.6.15)			Hazardous Materials	
Fire hydrants and valves	To use or operate fire hydrants or valves intended for fire suppression purposes which are installed on water systems and accessible to a fire apparatus access road that is open to or generally used by the public. Exception: Authorized employees of the water company that supplies the system or the fire department. (SFC 105.6.16)			Contact Seattle Public Utilities	
Flammable and combustible liquids	<ol style="list-style-type: none"> To use or operate a flammable or combustible liquid pipeline within a facility. To remove Class I or Class II liquids from an underground storage tank used for fueling motor vehicles by any means other than the approved, stationary on-site pumps normally used for dispensing purposes. To operate, install, construct or alter tank vehicles, equipment, tanks, plants, terminals, wells, fuel-dispensing stations, refineries, distilleries and similar facilities where flammable and combustible liquids are produced, processed, transported, stored, dispensed or used. To place temporarily out of service (for more than 90 days) an underground, protected above-ground or aboveground flammable or combustible liquid tank. To install, alter, remove, abandon or otherwise dispose of a flammable or combustible liquid tank. To change the contents stored in a flammable or combustible liquid tank to a material which poses a greater hazard than that for which the tank was designed and constructed. To manufacture, process, blend or refine flammable or combustible liquids. To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at commercial, industrial, governmental or manufacturing establishments. To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel tanks of motor vehicles at commercial, industrial, governmental or manufacturing establishments. To engage in the business of removing, abandoning or otherwise disposing of residential heating oil tanks. <p>To store, handle or use flammable or combustible liquids in excess of the quantities listed: (SFC 105.6.17 & 105.7.5)</p>			Flammable and Combustible Liquids	
		Storage or Use			
		Class of Liquid	Inside a Building (gallons)		Outside a Building (gallons)
		Class I	5		10
		Class II	25		60
		Class III-A	25		60
	Class III-B	1,000 gallons aggregate on site			
Floor finishing	To conduct floor finishing or surfacing operations exceeding 350 square feet using Class I or Class II liquids. (SFC 105.6.18)			Miscellaneous Operations	
Fruit and crop ripening	To operate a fruit- or crop-ripening facility or conduct a fruit-ripening process using ethylene gas. (SFC 105.6.19)			Miscellaneous Operations	
Fumigation and insecticidal fogging	To operate a business of fumigation or thermal insecticidal fogging and to maintain a room, vault, freight container, or chamber in which a toxic or flammable fumigant is used. (SFC 105.6.20)			Miscellaneous Operations	
Hazardous materials	<ol style="list-style-type: none"> To install, repair damage to, abandon, remove, place temporarily out of service, or close or substantially modify a storage facility or other area regulated by SFC Chapter 27. Exceptions: 1) Routine maintenance. 2) Emergency repair work. To store, handle or use hazardous materials in excess of quantities listed in the Hazardous Material Permit Threshold Table. (SFC 105.6.21.1) 			Hazardous Materials	
Hazardous material stabilization	To stabilize potentially unstable (reactive) hazardous materials. (SFC 105.6.21.2)			Hazardous Materials	
HPM facilities	To store, handle or use hazardous production materials. (SFC 105.6.22.1)			Hazardous Materials	
Helicopter lifts	To move suspended loads via helicopter over populated areas. (SFC 105.6.22.2)			Miscellaneous Operations	
High-piled storage	To use a building or portion thereof as a high-piled storage area exceeding 500 square feet (46 m ²). (SFC 105.6.23)			Special Occupancy Uses	

Hot work operations	<ol style="list-style-type: none"> To conduct hot work at public exhibitions and demonstrations. To use portable hot work equipment. Exceptions: 1) Within Group R, Division 3 and Group U occupancies. 2) Torch assemblies connected for use to an acetylene gas cylinder having a maximum individual capacity of 40 cubic feet. 3) Approved self-contained torch assemblies having a maximum individual capacity of 2.7 pounds LP-gas. For fixed-site hot work equipment such as welding booths. To apply roof coverings with the use of an open-flame device. To conduct hot work on storage tanks, piping and associated systems containing or previously containing flammable or combustible liquids, or other hazardous materials that could present a fire or explosion hazard. To conduct hot work on marine vessels. (SFC 105.6.24) 	Hot Work Operations or Marine Operations (for hot work on vessels)
Industrial Ovens	To install and operate an industrial oven regulated by SFC Chapter 21. (SFC 105.6.25)	Miscellaneous Operations
Lumber yards and Woodworking plants	To store or process lumber exceeding 100,000 board feet (8,333 ft ³). (SFC 105.6.26)	Special Occupancy Uses
Woodworking plants	To store or process lumber exceeding 100,000 board feet (8,333 ft ³). (SFC 105.6.26)	Special Occupancy Uses
Liquid or gas-fueled vehicles or equipment in assembly areas	To display, operate or demonstrate liquid- or gas-fueled vehicles or equipment in assembly buildings. (SFC 105.6.27)	Special Events & Assembly Occupancies
LP-gas (propane)	<ol style="list-style-type: none"> To store and use LP-gas. Exceptions: 1) Individual containers with a 125-gallon water capacity or less serving occupancies in Group R-3. 2) A single LP-gas container having a capacity not exceeding 5 gallons connected to a LP-gas grill unless located on or serving a public way. To operate cargo tankers that transport LP-gas. To install or modify a LP-gas system. (SFC 105.6.28 & 105.7.7) 	Liquefied Petroleum Gases
Magnesium	To melt, cast, heat treat or grind more than 10 pounds of magnesium. (SFC 105.6.29)	Hazardous Materials
Marine terminal	To handle or temporarily locate containers, tanks or cylinders of hazardous materials at marine terminals located within the Seattle city limits. (SFC 105.6.30)	Marine Operations
Membrane structure	To erect an air-supported temporary membrane structure or a tent having an area in excess of 200 square feet, or a canopy in excess of 400 square feet. (SFC 105.7.10) See also Special Events .	Special Events & Assembly Occupancies
Motor fuel-dispensing stations	To operate an automotive, marine or fleet motor fuel-dispensing station. (SFC 105.6.39)	Motor Vehicle Fueling
Open burning	To kindle or maintain an open fire or a fire on any public street, alley, road, or other public or private ground. Exception: Recreational fires. (SFC 105.6.31)	Special Events & Assembly Occupancies
Open flames and torches	See hot work operations. (SFC 105.6.32)	Hot Work Operations
Open flames and candles	To use open flames or candles in connection with assembly areas, dining areas or restaurants or drinking establishments. (SFC 105.6.33)	Special Events & Assembly Occupancies
Organic coatings	For any organic-coating manufacturing operation producing more than 1 gallon of an organic coating in a day. (SFC 105.6.34)	Special Occupancy Uses
Private fire hydrants	For the removal from service, use or operation of private fire hydrants. Exception: A permit is not required for private industry with trained maintenance personnel, private fire brigade or fire departments to maintain, test and use private hydrants. (SFC 105.6.36)	Contact Seattle Public Utilities
Pyrotechnic special effects material	For the use and handling of pyrotechnic special effects material. (SFC 105.6.37) See also Special Events .	Special Events & Assembly Occupancies
Pyroxylin plastics	To store or handle more than 25 pounds of cellulose nitrate (pyroxylin) plastics for the assembly or manufacture of articles involving pyroxylin plastics. (SFC 105.6.38)	Hazardous Materials
Refrigeration equipment	To install a mechanical refrigeration unit or system. (SFC 105.7.8)	Building Systems and Maintenance
Repair garages	To operate a repair garage. (SFC 105.6.39)	Motor Vehicle Fueling, Repair and Wrecking
Rooftop heliports	To operate a rooftop heliport. (SFC 105.6.40)	Special Occupancy Uses
Spraying and dipping	<ol style="list-style-type: none"> To conduct a spraying or dipping operation utilizing flammable or combustible liquids or to apply combustible powders regulated by SFC Chapter 15. To install or modify a spray room, dip tank or spray booth. (SFC 105.6.41 & 105.7.9) 	Flammable and Combustible Liquids
Tents	To erect an air-supported temporary membrane structure or a tent having an area in excess of 200 square feet, or a canopy in excess of 400 square feet. (SFC 105.7.10) See also Special Events .	Special Events & Assembly Occupancies

Tire, scrap tire and tire byproduct storage	<ol style="list-style-type: none"> 1. To establish, conduct or maintain storage of tires, scrap tires, and tire byproducts that exceeds 2,500 cubic feet of total volume. 2. To store tires and tire byproducts inside a building. (SFC 105.6.42) 	Miscellaneous Operations
Tire rebuilding plants	For the operation and maintenance of a tire-rebuilding plant. (SFC 105.6.43)	Special Occupancy Uses
Waste handling	To operate a waste-handling facility. (SFC 105.6.44)	Miscellaneous Operations
Wrecking yard	To operate a wrecking yard or junk yard. (SFC 105.6.44)	Motor Vehicle Fueling, Repair and Wrecking
Wood products	To store chips, hogged material, lumber or plywood in excess of 200 cubic feet. (SFC 105.6.45)	Miscellaneous Operations

Hazardous Materials Permit Threshold Table

Type of material	Permit is required for quantities in excess of:	Download an application for permit
Combustible liquids	See flammable and combustible liquids	Level II blank permit app
Corrosive Materials Gases Liquids Solids	See compressed gases 55 gallons 1,000 pounds	Level II blank permit app
Flammable materials Gases Liquids Solids	See compressed gases See flammable liquids 100 pounds	Level II blank permit app
Highly toxic materials Gases Liquids Solids	See compressed gases Any amount Any amount	Level II blank permit app
Oxidizing materials Gases Liquids Class 4 Class 3 Class 2 Class 1 Solids Class 4 Class 3 Class 2 Class 1	See compressed gases Any amount 1 gallon 10 gallons 55 gallons Any amount 10 pounds 100 pounds 500 pounds	Level II blank permit app
Organic peroxides Liquids Class I Class II Class III Class IV Class V Solids Class I Class II Class III Class IV Class V	Any amount Any amount 1 gallon 2 gallons No permit required Any amount Any amount 10 pounds 20 pounds No permit required	Level II blank permit app
Pyrophoric materials Gases Liquids Solids	See compressed gases Any amount Any amount	Level II blank permit app
Toxic materials Gases Liquids Solids	See compressed gases 10 gallons 100 pounds	Level II blank permit app
Unstable materials Liquids Class 4 Class 3 Class 2 Class 1 Solids Class 4 Class 3 Class 2 Class 1	Any amount Any amount 5 gallons 10 gallons Any amount Any amount 50 pounds 100 pounds	Level II blank permit app
Water-reactive materials Liquids Class 3 Class 2 Class 1 Solids Class 3 Class 2 Class 1	Any amount 5 gallons 55 gallons Any amount 50 pounds 500 pounds	Level II blank permit app