

Everett Fire Department

Activities and Operations Requiring Permits

If you are not sure whether or not you are required to obtain a permit, please call the Fire Marshal's Office at
(425) 257-8120 Monday - Friday - 8:00 AM to 5:00 PM

Activity or Operation	Permit Required:																
Aerosol products	IFC 105.6.1 Aerosol products. An operational permit is required 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.																
Aviation facilities.	IFC 105.6.3 Aviation facilities. An operational permit is required to use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. Additional permits required by other sections of this code include, but are not limited to, hot work, hazardous materials and flammable or combustible finishes.																
Battery systems	IFC 105.7.2 Battery systems. A permit is required to install stationary storage battery systems having a liquid capacity of more than 50 gallons (IFC 189 L).																
Carnivals and fairs	IFC 105.6.4 Carnivals and fairs. An operational permit is required to conduct a carnival or fair.																
Cellulose nitrate film.	IFC 105.6.5 Cellulose nitrate film. An operational permit is required to store, handle or use cellulose nitrate film in a Group A occupancy.																
Combustible fibers	IFC 105.6.7 Combustible fibers. An operational permit is required for the storage and handling of combustible fibers in quantities greater than IFC 100 cubic feet (2.8 m). Exception: A permit is not required for agricultural storage.																
Compressed Gases	<p>IFC 105.6.8 Compressed gases. An operational permit is required for the storage, use or handling at normal temperature and pressure (NTP) of compressed gases in excess of the amounts listed in Table IFC 105.6.8.</p> <p style="text-align: center;">TABLE 105.6.8 PERMIT AMOUNTS FOR COMPRESSED GASES</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">TYPE OF GAS</th> <th style="width: 40%;">AMOUNT (cubic feet at NTP)</th> </tr> </thead> <tbody> <tr> <td>Corrosive</td> <td style="text-align: center;">200</td> </tr> <tr> <td>Flammable (except cryogenic fluids and liquefied petroleum gases)</td> <td style="text-align: center;">200</td> </tr> <tr> <td>Highly toxic</td> <td style="text-align: center;">Any Amount</td> </tr> <tr> <td>Inert and simple asphyxiant</td> <td style="text-align: center;">6,000</td> </tr> <tr> <td>Oxidizing (including oxygen)</td> <td style="text-align: center;">504</td> </tr> <tr> <td>Pyrophoric</td> <td style="text-align: center;">Any Amount</td> </tr> <tr> <td>Toxic</td> <td style="text-align: center;">Any Amount</td> </tr> </tbody> </table> <p style="text-align: center;">Exception: Vehicles equipped for and using compressed gas as a fuel for propelling the vehicle.</p>	TYPE OF GAS	AMOUNT (cubic feet at NTP)	Corrosive	200	Flammable (except cryogenic fluids and liquefied petroleum gases)	200	Highly toxic	Any Amount	Inert and simple asphyxiant	6,000	Oxidizing (including oxygen)	504	Pyrophoric	Any Amount	Toxic	Any Amount
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<p>Cryogenics</p>	<p>IFC 105.6.10 Cryogenic fluids. An operational permit is required to produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed.</p> <div style="text-align: center;"> <p>TABLE 105.6.10 PERMIT AMOUNTS FOR CRYOGENIC FLUIDS</p> <table border="1" style="margin: auto;"> <thead> <tr> <th style="text-align: center;">TYPE OF CRYOGENIC FLUID</th> <th style="text-align: center;">INSIDE BUILDING (gallons)</th> <th style="text-align: center;">OUTSIDE BUILDING (gallons)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Flammable</td> <td style="text-align: center;">More than 1</td> <td style="text-align: center;">60</td> </tr> <tr> <td style="text-align: center;">Inert</td> <td style="text-align: center;">60</td> <td style="text-align: center;">500</td> </tr> <tr> <td style="text-align: center;">Oxidizing (includes oxygen)</td> <td style="text-align: center;">10</td> <td style="text-align: center;">50</td> </tr> <tr> <td style="text-align: center;">Physical or health hazard not indicated above</td> <td style="text-align: center;">Any Amount</td> <td style="text-align: center;">Any Amount</td> </tr> </tbody> </table> </div> <p>Exception: Permits are not required for vehicles equipped for and using cryogenic fluids as a fuel for propelling the vehicle or for refrigerating the lading.</p>	TYPE OF CRYOGENIC FLUID	INSIDE BUILDING (gallons)	OUTSIDE BUILDING (gallons)	Flammable	More than 1	60	Inert	60	500	Oxidizing (includes oxygen)	10	50	Physical or health hazard not indicated above	Any Amount	Any Amount
TYPE OF CRYOGENIC FLUID	INSIDE BUILDING (gallons)	OUTSIDE BUILDING (gallons)														
Flammable	More than 1	60														
Inert	60	500														
Oxidizing (includes oxygen)	10	50														
Physical or health hazard not indicated above	Any Amount	Any Amount														
<p>Dry cleaning plants</p>	<p>IFC 105.6.12 Dry cleaning plants. An operational permit is required to engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment.</p>															
<p>Dust producing operations</p>	<p>IFC 105.6.6 Combustible dust-producing operations. An operational permit is required 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 Chapter 2.</p>															
<p>Explosives</p>	<p>IFC 105.6.IFC 14 Explosives. An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosives, explosive materials, fireworks or pyrotechnic special effects within the scope of Chapter 33.</p> <p style="background-color: yellow;">Fire works display permits require 30 days for processing</p> <p>Exception: Storage in Group R-3 occupancies of smokeless propellant, black powder and small arms primers for personal use, not for resale and in accordance with Section 3306.</p>															
<p>Fire hydrants and valves</p>	<p>IFC 105.6.15 Fire hydrants and valves. An operational permit is required 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.</p> <p>Exception: A permit is not required for authorized employees of the water company that supplies the system or the fire department to use or operate fire hydrants or valves.</p>															
<p>Pyrotechnic special effects material</p>	<p>An operational permit is required for use and handling of pyrotechnic special effects material.</p>															
<p>Flammable and combustible liquids</p>	<p>IFC 105.6.16 Flammable and combustible liquids. permit is required:</p> <ol style="list-style-type: none"> 1. To use or operate a pipeline for the transportation within facilities of flammable or combustible liquids. This requirement shall not apply to the off-site transportation in pipelines regulated by the Department of Transportation (DOTn) nor does it apply to piping systems. 2. To store, handle or use Class I liquids in excess of 5 gallons (19 L) in a building or in excess of 10 gallons (37.9 L) outside of a building, except that a permit is not required for the following: 															

Flammable and combustible liquids

2.1. The storage or use of Class I liquids in the fuel tank of a motor vehicle, aircraft, motorboat, mobile power plant or mobile heating plant, unless such storage, in the opinion of the code official, would cause an unsafe condition.
2.2. The storage or use of paints, oils, varnishes or similar flammable mixtures when such liquids are stored for maintenance, painting or similar purposes for a period of not more than 30 days.

3. To store, handle or use Class II or Class IIIA liquids in excess of 25 gallons (95 L) in a building or in excess of 60 gallons (227 L) outside a building, except for fuel oil used in connection with oil-burning equipment.

4. To store, handle or use Class IIIB liquids in tanks or portable tanks for fueling motor vehicles at motor fuel-dispensing facilities or where connected to fuel-burning equipment. Exception: Fuel oil and used motor oil used for space heating or water heating.

5. To remove Class I or 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.

6. To operate 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.

7. To place temporarily out of service (for more than 90 days) an underground, protected above-ground or above-ground flammable or combustible liquid tank.

8. To change the type of contents stored in a flammable or combustible liquid tank to a material that poses a greater hazard than that for which the tank was designed and constructed.

9. To manufacture, process, blend or refine flammable or combustible liquids.

10. To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at commercial, industrial, governmental or manufacturing establishments.

11. To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel tanks of motor vehicles, marine craft and other special equipment at commercial, industrial, governmental or manufacturing establishments.

Fruit and crop ripening

IFC 105.6.IFC 18 Fruit and crop ripening. An operational permit is required to operate a fruit- or crop-ripening facility or conduct a fruit-ripening process using ethylene gas.

Fumigation and thermal insecticidal fogging

IFC 105.6.IFC 19 Fumigation and thermal insecticidal fogging. An operational permit is required to operate a business of fumigation or thermal insecticidal fogging and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used.

Hazardous materials	IFC 105.6.20 Hazardous materials. An operational permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 105.6.20
High piled storage	IFC 105.6.22 High-piled storage. An operational permit is required to use a building or portion thereof as a high-piled storage area exceeding 500 square feet (46 m).
Hot work operations	<p>IFC 105.6.23 Hot work operations. An operational permit is required for hot work including, but not limited to:</p> <ol style="list-style-type: none"> 1. Public exhibitions and demonstrations where hot work is conducted. 2. Use of portable hot work equipment inside a structure. <p>Exception: Work that is conducted under a construction permit.</p> <ol style="list-style-type: none"> 3. Fixed-site hot work equipment such as welding booths. 4. Hot work conducted within a wildfire risk area. 5. Application of roof coverings with the use of an open-flame device. 6. When approved, the fire code official shall issue a permit to carry out a hot work program. This program allows approved personnel to regulate their facility's hot work operations. The approved personnel shall be trained in the fire safety aspects denoted in this chapter and shall be responsible for issuing permits requiring compliance with the requirements found in Chapter 26. These permits shall be issued only to their employees or hot work operations under their supervision.
LP gas	<p>IFC 105.6.27 LP-gas. An operational permit is required for:</p> <ol style="list-style-type: none"> 1. Storage and use of LP-gas. <p>Exception: A permit is not required for individual containers with a 500-gallon (IFC 1893 L) water capacity or less serving occupancies in Group R-3.</p> <ol style="list-style-type: none"> 2. Operation of cargo tankers that transport LP-gas.
Liquid or gas-fueled vehicles or equipment in assembly buildings	IFC 105.6.26 Liquid- or gas-fueled vehicles or equipment in assembly buildings. An operational permit is required to display, operate or demonstrate liquid- or gas-fueled vehicles or equipment in assembly buildings.
Lumber yards and woodworking plants	IFC 105.6.25 Lumber yards and woodworking plants. An operational permit is required for the storage or processing of lumber exceeding 100,000 board feet (8,333 ft)
Magnesium	IFC 105.6.28 Magnesium. An operational permit is required to melt, cast, heat treat or grind more than IFC 10 pounds (4.54 kg) of magnesium.

Covered mall buildings	<p>IFC 105.6.9 Covered mall buildings. An operational permit is required for:</p> <ol style="list-style-type: none"> 1. The placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall. 2. The display of liquid- or gas-fired equipment in the mall. 3. The use of open-flame or flame-producing equipment in the mall.
Motor vehicle fuel dispensing	<p>IFC 105.6.IFC 16 Flammable and combustible liquids.</p> <p>An operational permit is required:</p>
Organic coatings	<p>IFC 105.6.33 Organic coatings. An operational permit is required for any organic-coating manufacturing operation producing more than IFC 1 gallon (4 L) of an organic coating in one day.</p>
Industrial ovens	<p>IFC 105.6.24 Industrial ovens. An operational permit is required for operation of industrial ovens regulated by Chapter 21.</p>
Places of assembly	<p>IFC 105.6.34 Places of assembly. An operational permit required to operate a place of assembly.</p>
Pyrotechnic special effects	<p>IFC 105.6.36 Pyrotechnic special effects material.</p> <p>An operational permit is required for use and handling of pyrotechnic special effects material.</p>
Refrigeration equipment	<p>IFC 105.6.38 Refrigeration equipment. An operational permit is required to operate a mechanical refrigeration unit or system regulated by Chapter 6.</p>
Repair garages	<p>IFC 105.6.39 Repair garages and motor fuel-dispensing facilities. An operational permit is required for operation of repair garages and automotive, marine and fleet motor fuel-dispensing facilities.</p>
Spraying or dipping	<p>IFC 105.6.41 Spraying or dipping. An operational permit is required to conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders regulated by Chapter 15.</p>
Temporary membrane structures and tents	<p>IFC 105.6.43 Temporary membrane structures and tents. An operational permit is required to operate an air-supported temporary membrane structure or a tent having an area in excess of 400 square feet (37 m).</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Tents used exclusively for recreational camping purposes. 2. Tents open on all sides, which comply with all of the following: <ol style="list-style-type: none"> 2.1. Individual tents having a maximum size of 700 square feet (65 m). 2.2. The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet shall not exceed 700 square feet total. 2.3. A minimum clearance of 12 feet to structures and other tents shall be provided.
Tire storage	<p>IFC 105.6.42 Storage of scrap tires and tire byproducts. An operational permit is required to establish, conduct or maintain storage of scrap tires and tire byproducts that exceeds 2,500 cubic feet (71m) of total volume of scrap tires and for indoor storage of tires and tire byproducts.</p>
Wood products	<p>IFC 105.6.46 Wood products. An operational permit is required to store chips, hogged material, lumber or plywood in excess of 200 cubic feet.</p>

Hazardous Materials Permit Threshold Table

Type of material	Permit is required for quantities in excess of:
Combustible liquids	See flammable and combustible liquids
Corrosive Materials Gases Liquids Solids	See compressed gases 55 gallons 1,000 pounds
Flammable materials Gases Liquids Solids	See compressed gases See flammable liquids 100 pounds
Highly toxic materials Gases Liquids Solids	See compressed gases Any amount Any amount
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
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
Pyrophoric materials Gases Liquids Solids	See compressed gases Any amount Any amount
Toxic materials Gases Liquids Solids	See compressed gases 10 gallons 100 pounds

<p>Unstable materials</p> <p>Liquids</p> <ul style="list-style-type: none"> Class 4 Class 3 Class 2 Class 1 <p>Solids</p> <ul style="list-style-type: none"> Class 4 Class 3 Class 2 Class 1 	<ul style="list-style-type: none"> Any amount Any amount 5 gallons 10 gallons Any amount Any amount 50 pounds 100 pounds
<p>Water-reactive materials</p> <p>Liquids</p> <ul style="list-style-type: none"> Class 3 Class 2 Class 1 <p>Solids</p> <ul style="list-style-type: none"> Class 3 Class 2 Class 1 	<ul style="list-style-type: none"> Any amount 5 gallons 55 gallons Any amount 50 pounds 500 pounds