



# Ketchikan Fire Department

Required International Fire Code Permits



FIRE PREVENTION DIVISION 319 MAIN STREET/ KETCHIKAN, AK 99901 (907) 225-9617 Fax (907) 225-9613

An International Fire Code Permit constitutes permission to maintain, store, use or handle materials, or to conduct processes that produce conditions hazardous to life or property, or to install equipment used in connection with such activities.

Operational and construction permits required by the 2003 International Fire Code shall be obtained from the Fire Prevention Division. Permit fees, if any, shall be paid prior to issuance of the permit. Issued permits shall be kept on the premises designated therein at all times and shall be readily available for inspection by the Fire Marshal.

To apply for an International Fire Code Permit, return a completed permit application to the Division of Fire Prevention. A representative will determine applicability of any required permits and may request additional information or require the submission of detailed plans.

Before an International Fire Code Permit is approved, the Fire Marshal is authorized to perform an inspection to determine compliance with the International Fire Code or any operational constraints required.

Below is a list of the International Fire Code Permits that are issued by the Fire Prevention Division as taken from the 2003 International Fire Code Section 105 as adopted by the City of Ketchikan, copies of which are available for review in the offices of the City Clerk and the Fire Marshal.

## Required operational permits:

- 105.6.1 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.
- 105.6.2 Amusement buildings.** To operate a special amusement building.
- 105.6.3 Aviation facilities.** To use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles.
- 105.6.4 Carnivals and fairs.** To conduct a carnival or fair.
- 105.6.5 Battery systems.** To install stationary lead-acid battery systems having a liquid capacity of more than 50 gallons (189 L).
- 105.6.6 Cellulose nitrate film.** To store, handle or use cellulose nitrate film in a Group A occupancy.
- 105.6.7 Combustible dust-producing operations.** To conduct operations producing combustible dust as defined in Chapter 2 of the 2003 IFC.
- 105.6.8 Combustible fibers.** For the storage or handling of combustible fibers in quantities greater than 100 cubic feet.
- 105.6.9 Compressed gases.** For the storage, use or handling at normal temperature and pressure (NTP) of compressed gases in excess of the amounts listed in Table 105.6.9.

- ❑ **105.6.10 Covered mall buildings.** For the placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall. For the display of liquid or gas-fired equipment in the mall. For the use of open flame or flame producing equipment in the mall.
- ❑ **105.6.11 Cryogenic fluids.** To produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed in Table 105.6.11.
- ❑ **105.6.12 Cutting and welding.** To conduct cutting or welding operations.
- ❑ **105.6.13 Dry cleaning plants.** To engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment.
- ❑ **105.6.14 Exhibits and trade shows.** To operate exhibits or trade shows.
- ❑ **105.6.15 Explosives.** For the manufacture, storage, handling, sale or use of any quantity of explosive, explosive material, fireworks, or pyrotechnic special effects within the scope of Chapter 33.
- ❑ **105.6.16 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.
- ❑ **105.6.17 Flammable and combustible liquids.** (See applicable section)
- ❑ **105.6.18 Floor finishing.** For floor finishing or surfacing operations exceeding 350 square feet using Class I or Class II liquids.
- ❑ **105.6.20 Fumigation and thermal insecticidal fogging.** 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.
- ❑ **105.6.21 Hazardous materials.** To store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 105.6.21.
- ❑ **105.6.22 HPM facilities.** To store, handle or use hazardous production materials.
- ❑ **105.6.23 High-piled storage.** To use a building or portion thereof as a high-piled storage area exceeding 500 square feet.
- ❑ **105.6.24 Hot work operations.** (See applicable section)
- ❑ **105.6.25 Industrial ovens.** For operation of industrial ovens regulated by Chapter 21.
- ❑ **105.6.26 Lumber yards and woodworking plants.** For the storage or processing of lumber exceeding 100,000 board feet.
- ❑ **105.6.27 Liquid or gas fueled vehicles or equipment in assembly buildings.**
- ❑ **105.6.28 LP-gas.** (See applicable section)
- ❑ **105.6.29 Magnesium.** To melt, cast, heat treat or grind more than 10 pounds of magnesium.
- ❑ **105.6.30 Miscellaneous combustible storage.** To store in any building or upon any premises in excess of 2,500 cubic feet gross volume of combustible empty packing cases, boxes, barrels or similar containers.
- ❑ **105.6.31 Open burning.** For any open fire.
- ❑ **105.6.32 Open flames and torches.** To remove paint with a torch, or to use an open flame or torch in a hazardous area.
- ❑ **105.6.33 Open flames and candles.** To use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments.
- ❑ **105.6.34 Organic coatings.** For any organic coating manufacturing operation producing more than 1 gallon of organic coating in one day.

- ❑ **105.6.35 Places of assembly.** To operate a place of assembly.
- ❑ **105.6.36 Private fire hydrants.** To remove from service, use or operate a private fire hydrants.
- ❑ **105.6.37 Pyrotechnic special effects material.** For use or handling of pyrotechnic special effects material.
- ❑ **105.6.38 Pyroxylin plastics.** (See applicable section)
- ❑ **105.6.39 Refrigeration equipment.** To operate a mechanical refrigeration unit or system regulated by Chapter 6 of 2003 I.F.C.
- ❑ **105.6.40 Repair garages and motor fuel-dispensing facilities.** For operation of repair garages and automotive, marine and fleet motor fuel-dispensing facilities.
- ❑ **105.6.41 Rooftop heliports.** To operate a rooftop heliport.
- ❑ **105.6.42 Spraying or dipping.** To conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders required by Chapter 15 of 2003 I.F.C.
- ❑ **105.6.43 Storage of scrap tires and tire byproducts.** To maintain storage of scrap tires that exceeds 2,500 cubic feet of total volume.
- ❑ **105.6.44 Temporary membrane structures, tents and canopies.** To operate 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.
- ❑ **105.6.45 Tire rebuilding plant.** To operate a tire rebuilding plant.
- ❑ **105.6.46 Waste handling.** For the operation of wrecking yards, junk yards and waste handling facilities.
- ❑ **105.6.47 Wood products.** To store chips, hogged material, lumber or plywood in excess of 200 cubic feet.

**Required construction permits:**

- ❑ **105.7.1 Automatic fire-extinguishing systems.** For the installation or modification to an automatic fire extinguishing system.
- ❑ **105.7.2 Compressed gases.** To install, repair damage to, abandon, remove, place temporarily out of service, or close or substantially modify a compressed gas system for a system or storage exceeding the amount listed in Table 105.6.9.
- ❑ **105.7.3 Fire alarm and detection systems and related equipment.** For the installation, of or modification to fire alarm or detection systems and related equipment.
- ❑ **105.7.4 Fire pumps and related equipment.** For installation of or modification to fire pumps and related fuel tanks, jockey pumps, controllers, and generators.
- ❑ **105.7.5 Flammable and combustible liquids.** (See applicable section)
- ❑ **105.7.6 Hazardous materials.** To install, repair damage to, abandon, remove, place temporarily out of service, a storage facility regulated by Chapter 27 of 2003 I.F.C.
- ❑ **105.7.7 Industrial ovens.** For installation of industrial ovens.
- ❑ **105.7.8 LP-gas.** For installation or modification to an LP-gas system.
- ❑ **105.7.9 Private fire hydrants.** For installation or modification of private fire hydrants.
- ❑ **105.7.10 Spraying and dipping.** To install or modify a spray room, dip tank or booth.
- ❑ **105.7.11 Standpipe systems.** For the installation, modification, or removal from service of a standpipe system.
- ❑ **105.7.12 Temporary membrane structures, tents and canopies.** 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.