



**CENTRAL PIERCE FIRE & RESCUE
PREVENTION BUREAU
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REQUIREMENTS FOR EVENTS AND TEMPORARY STANDS AT FAIRS AND SHOWS

SCOPE/INTENT:

To publicize the requirements and provide a standard method of inspection of temporary stands at fairs, shows, carnivals, events and other occupancies which are not permanent in nature or whose use is temporary or seasonal.

RESPONSIBILITIES:

It is the responsibility of the Fire Marshal or his/her designated authority to ascertain if the requirements of this policy are being complied with, and to enforce these and any other laws and codes of the City of Puyallup, pertaining to **fire and life safety**, as may be necessary.

PROCEDURES:

Temporary stands inside the Western Washington Fair are covered by a master business license, issued to the Fair. Temporary stands, located anywhere in the City, outside the property of the Western Washington Fair, must apply for an Operational Permit from the Fire Department.

Applications shall be accompanied by site plans, information related to required permits, or any other information deemed necessary to ascertain all stands are in compliance with the 2018 International Fire Code. Any license, either Master or Individual, do not cover permits required by the International Fire Code.

An inspection shall be conducted to determine if the occupancy or operation meets code requirements. The inspection shall ascertain if the requirements of Appendix A, B, and C have been met in addition to any other laws or codes which may apply to the particular application request.

When code requirements have been met, the Deputy Fire Marshal may issue the required permit, which shall be posted at the occupancy or operation.

TEMPORARY USE OCCUPANCIES OR OPERATIONS FIRE AND LIFE SAFETY REQUIREMENTS (Not including electrical)

Any temporary use occupancy, business or operation that fails to comply with the International Fire Code requirements listed here will be **SUBJECT TO IMMEDIATE CLOSURE** until compliance is made. If the particular International Fire Code requirement is not listed here, a reasonable time may be given to comply, unless violation is an immediate life threatening situation as determined by the Fire Marshal or his/her designee.

In order to protect life and property, prevent fires and comply with local fire codes, the following is imposed:

"PERMITS ARE REQUIRED" for the following activities:

TO OPERATE PLACES OF ASSEMBLY

An assembly is, among other things, the use of a building or structure, or portion thereof, for the gathering of persons for purposes such as civic, social or religious functions; recreation, food, or drink consumption; or awaiting transportation.

IFC

- 1. TO OPERATE CARNIVALS OR FAIRS**
- 2. TO OPERATE EXHIBITS AND TRADE SHOWS**
- 3. TO ERECT AND/ OR OPERATE A TENT, CANOPY, or MEMBRANE STRUCTURE:**
- 4. Temporary Membrane Structures, Stage Canopies, or a tent having an area in excess of 400 square feet.**
- 5. TO USE OPEN FLAME DEVICES:**
- 6. Use of any open flame devices, i.e., torches, candles, glass blowing, forges, stoves, lanterns, heaters, barbecues and all open flame cooking operations, etc; will require approval of the Fire Marshal or his/her designee**
- 7. TO USE/STORE FLAMMABLE AND COMBUSTIBLE LIQUIDS:**
- 8. To store, handle or use Class 1 liquids in excess of 5 gallons in a building or in excess of 10 gallons outside of a building**

APPENDIX A
ADDITIONAL REQUIREMENTS
(Fire Marshal Approval is required for all activities listed)

COMMERCIAL FOOD PREPARATION

The commercial preparation of food, either in temporary or permanent locations, shall be conducted in accordance with the International Mechanical Code (IMC) and the International Fire Code (IFC). Ventilating hood and duct systems will be IMC Type I or Type II, depending on the food products being prepared.

IFC Section 607

NATURAL GAS USE

Natural gas is allowed to be used for fuel for heating and cooking. Approval from the local gas purveyor and Fire Marshal is required. A flex gas (CSST) line shall be used to connect to the meter. This line is limited to 4 feet in length. Flex gas (CSST) line is not allowed along the ground or suspended in air. Gas piping shall be supported at a maximum of every 6 feet. It shall be protected in traffic areas from displacement. Gas piping shall be tested on site and approved by the building division. A flex gas (CSST) line may be used as a final connection from the appliance to the gas piping. The length of this flex line shall not exceed 6 feet. Each supply of gas shall have its own shut-off. The gas meter may be used for the shut off if a permanently attached handle is available for use. Each appliance shall have a shut-off located in an accessible location.

SMOKING PROHIBITED

The smoking or carrying of a lighted pipe, cigar, cigarette or any other type of smoking paraphernalia or material is prohibited.

IFC SECTION 310

OPEN FLAME COOKING DEVICES

Charcoal burners and other open-flame cooking devices shall not be operated on combustible balconies or within 10 feet of combustible construction.

IFC 308.1.4

Hot ashes, cinders, smoldering coals or greasy or oily materials subject to spontaneous ignition shall not be deposited in a combustible receptacle, within 10 feet of other combustible material including combustible walls and partitions or within 2 feet of openings to buildings.

IFC 305.2

FIRE LANES, HYDRANTS, AND FIRE PROTECTION EQUIPMENT

Fire lanes shall be maintained to a minimum unobstructed width of 20 feet. Overhangs or other like material shall not obstruct the vertical clearance of a fire lane less than a minimum of 13 feet 6 inches.

IFC 503.2.1

Unobstructed access to fire hydrants shall be maintained at all times. The fire department shall not be hindered from gaining immediate access to fire protection equipment.

IFC 507.5.4

A 3' clear space shall be maintained around the circumference of fire hydrants.

IFC 507.5.5

APPENDIX A continued

OBSTRUCTION OF FIRE SAFETY SYSTEMS:

Exit doors, aisles, exit ways, exit lights, stairways, hose cabinets, fire extinguishers, fire hydrants or any other fire suppression appliances shall not be concealed or obstructed by any decorative material, displays, fixtures, structures or demonstration equipment.

IFC 509.2 and IFC 1003.6

DUMPSTERS:

Commercial dumpsters and containers with an individual capacity of 1.5 cubic yards or greater shall not be stored or placed within 5' of combustible walls, openings or combustible roof eave lines.

IFC 304.3.3

COMPRESSED GAS CYLINDERS

Securing compressed gas containers, cylinders and tanks. Compressed gas containers, cylinders and tanks shall be secured to prevent falling caused by contact, vibration or seismic activity. Securing of compressed gas containers, cylinders and tanks shall be by one of the following methods:

Securing containers, cylinders and tanks to a fixed object with one or more restraints.

Securing containers, cylinders and tanks on a cart or other mobile device designed for the movement of compressed gas containers, cylinders or tanks.

IFC 5303.5.3

COMBUSTIBLE WASTE

Waste accumulation prohibited. Combustible waste material creating a fire hazard shall not be allowed to accumulate in buildings or structures or upon premises.

IFC 304.1

EQUIPMENT CONFINED

All equipment, mechanical or otherwise, shall be installed, maintained and secured within the confines of the stand, i.e., refrigerators, freezers, cookers, etc.

LIQUID AND GAS FUELED VEHICLES AND EQUIPMENT

Vehicles. Liquid- or gas-fueled vehicles, boats or other motor craft shall not be located indoors except as follows:

Batteries are disconnected. (Except where required to remain connected to maintain safety systems.)

Fuel in fuel tanks does not exceed one-quarter tank or 5 gallons (19 L) (whichever is least).

Fuel tanks and fill openings are closed and sealed to prevent tampering.

Vehicles, boats or other motor craft equipment are not fueled or defueled within the building.

IFC 314.4

FAILURE TO COMPLY WITH ANY OF THE ABOVE REQUIREMENTS OR ANY OTHER REQUIREMENTS OF THE PUYALLUP MUNICIPAL CODE CONSTITUTES CAUSE FOR APPROPRIATE LEGAL ACTION.

APPENDIX B

ELECTRICAL EQUIPMENT AND WIRING

ABATEMENT OF ELECTRICAL HAZARDS

Electrical wiring, devices, appliances and other equipment which are modified or damaged and constitute an electrical shock or fire hazard shall not be used.

IFC 604.1

WORKING SPACE AND CLEARANCE

A working space of not less than 30 inches (762 mm) in width, 36 inches (914mm) in depth and 78 inches (1981 mm) in height shall be provided in front of electrical service equipment.

IFC 604.3

MULTIPLUG ADAPTERS

Multiplug adapters, such as cube adapters, unfused plug strips or any other device not complying with NFPA 70 shall be prohibited. **IFC 604.4**

Power tap design. Relocatable power taps shall be of the polarized or grounded type, equipped with overcurrent protection, and shall be listed in accordance with UL 1363

IFC 604.4.1.

Power supply. Relocatable power taps shall be directly connected to a permanently installed receptacle.

IFC 604.4.2

Installation. Relocatable power tap cords shall not extend through walls, ceilings, floors, under doors or floor coverings, or be subject to environmental or physical damage.

IFC 604.4.3

EXTENSION CORDS

Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances.

Extension cords marked for indoor use shall not be used outdoors.

IFC 604.5

Power supply. Extension cords shall be plugged directly into an approved receptacle, power tap or multi-plug adapter and, except for approved multi-plug extension cords, shall serve only one portable appliance.

IFC 604.5.1

Ampacity. The ampacity of the extension cords shall be not less than the rated capacity of the portable appliance supplied by the cord.

IFC 604.5.2

Maintenance. Extension cords shall be maintained in good condition without splices, deterioration or damage.

IFC 604.5.3

Grounding. Extension cords shall be grounded where serving grounded portable appliances.

IFC 604.5.4

PORTABLE ELECTRIC SPACE HEATERS

Listed and labeled. Only listed and labeled portable, electric space heaters shall be used.

IFC 604.10.1

APPENDIX B continued

Power supply. Portable, electric space heaters shall be plugged directly into an approved receptacle.

IFC 604.10.2

Extension cords. Portable, electric space heaters shall not be plugged into extension cords.

IFC 604.10.3

Prohibited areas. Portable, electric space heaters shall not be operated within 3 feet (914 mm) of any combustible materials. Portable, electric space heaters shall be operated only in locations for which they are listed.

IFC 604.10.4

USE OF TEMPORARY WIRING

Temporary wiring for electrical power and lighting installations is allowed for a period not to exceed 90 days.

IFC 604.9

VIOLATIONS NOTIFICATION:

NON-APPROVED, MULTI-PLUG ADAPTERS, EXTENSION CORDS AND OTHER ITEMS THAT ARE BEING USED ILLEGALLY WILL BE DISCONNECTED AND GIVEN TO THE OWNER OR OPERATOR TO BE REMOVED FROM THE AREA. IF THE OWNER OR OPERATOR IS NOT PRESENT WHEN THE VIOLATION IS FOUND, THE ITEM OR ITEMS MAY BE DISCONNECTED, MARKED "NOT APPROVED" AND LEFT TO BE REMOVED.

FAILURE TO COMPLY WITH ANY OF THE ABOVE REQUIREMENTS OR ANY OTHER REQUIREMENTS OF THE PUYALLUP MUNICIPAL CODE CONSTITUTES CAUSE FOR APPROPRIATE LEGAL ACTION.

APPENDIX C

TENTS, TEMPORARY SPECIAL EVENTS STRUCTURES & OTHER MEMBRANE STRUCTURES

Tents, canopies and temporary membrane structures shall comply with **IFC Section 31** and Appendix C of these requirements. (Note: Temporary, site-constructed, wood structures, shall comply with standards listed in Appendix C).

Flame propagation and performance treatment. Before a permit is granted, the owner or agent shall file with the fire code official a certificate executed by an approved testing laboratory certifying that the tents and membrane structures and their appurtenances; sidewalls, drops and tarp lines; floor coverings, bunting, and combustible decorative materials and effects, including sawdust where used on floors or passageways, are composed of material meeting the flame propagation performance criteria.....

IFC 3107.2

Label. Membrane structures or tents shall have a permanently affixed label bearing the identification of size and fabric or material type.

IFC 3107.2

Combustible Materials. Hay, straw, shavings or similar combustible materials shall not be located within any tent or membrane structure containing an assembly occupancy, except the materials necessary for the daily feeding and care of animals. Sawdust and shavings utilized for a public performance or exhibit shall not be prohibited provided the sawdust and shavings are kept damp.

IFC 3107.3

Smoking. Smoking shall not be permitted in tents or membrane structures. “**NO SMOKING**” signs posted.

IFC 31047.4

Open or exposed flame. Open flame or other devices emitting flame, fire, or heat or any flammable or combustible liquids, gas, charcoal or other cooking device or any other unapproved devices SHALL NOT BE PERMITTED INSIDE OR LOCATED WITHIN 20’ of the tent or membrane structures while open to the public unless approved by the fire code official.

IFC 3107.8

Clearance. There shall be a minimum clearance of at least 3’ between the fabric envelope and all contents located inside membrane structures.

IFC 3104.11

Portable Fire Extinguishers. An approved, minimum 2A-10 BC rated fire extinguisher, or larger, shall be available at each temporary stand in a conspicuous, unobstructed, and unobscured location. Extinguishers shall serve for only one stand.

IFC Section 906

Portable fire extinguishers for commercial cooking equipment. Portable fire extinguishers shall be provided within a 30-foot (9144 mm) distance of travel from commercial-type cooking equipment. Cooking equipment involving solid fuels or vegetable or animal oils and fats shall be protected by a Class K rated portable extinguisher as applicable.

IFC 906.4

Class K portable fire extinguishers for deep fat fryers.

Where hazard areas include deep fat fryers, listed Class K portable fire extinguishers shall be provided as follows: For up to four fryers having a maximum cooking medium capacity of 80 pounds (36.3 kg) each: one Class K portable fire extinguisher of a minimum 1.5-gallon (6 L) capacity.

IFC 906.4.2

APPENDIX C continued

Heating and Cooking Equipment

Installation. Heating or cooking equipment, tanks, piping, hoses, fittings, valves, tubing and other related components shall be installed as specified in Chapter 61 of the *International Mechanical Code* and the *International Fuel Gas Code*, and shall be approved by the fire code official.

IFC 3107.12.1

Venting. Gas, liquid and solid fuel-burning equipment designed to be vented shall be vented to the outside air as specified in the International Fuel Gas Code and the international Mechanical Code. Such vents shall be equipped with approved spark arresters where required. Where vents or flues are used, all portions of the tent or membrane structure shall be not less than 12 inches (305mm) from the flue or vent.

IFC 3107.12.2

Location. Cooking and heating equipment shall not be located within 10 feet (3048 mm) of *exits* or combustible materials.

IFC 3107.12.3.3

Operations. Operations such as warming of foods, cooking demonstrations and similar operations that use solid flammables, butane or other similar devices that do not pose an ignition hazard, shall be *approved*.

IFC 3107.12.4

COOKING TENTS

Tents with sidewalls or drops where cooking is performed shall be separated from other tents or membrane structures by not less than 20 feet

IFC 3107.12.5

OUTDOOR COOKING

That produces sparks or grease-laden vapors or flying embers shall not be performed within 20 feet (6096 mm) of a tent or membrane structure.

IFC 3107.12.6

ELECTRICAL HEATING AND COOKING EQUIPMENT

Electrical cooking and heating equipment shall comply with NFPA 70.

IFC 3107.12.7

LP-GAS

Location of containers. LP-gas containers shall be located outside. Safety release valves shall be pointed away from the tent or membrane structure.

IFC 3107.13.2

Containers 125 gallons or less. Portable LP-gas containers with a capacity of 500 gallons (1893L) or less shall have a minimum separation between the container and structure not less than 5 feet

IFC Table 6104.3

Protection and security. Portable LP-gas containers, piping, valves and fittings that are located outside and are being used to fuel equipment inside a tent or membrane structure shall be adequately protected to prevent tampering, damage by vehicles or other hazards and shall be located in an *approved* location. Portable LP-gas containers shall be securely fastened in place to prevent unauthorized movement.

IFC 3107.13.3

APPENDIX C continued

FLAMMABLE AND COMBUSTIBLE LIQUIDS

Use. Flammable-liquid-fueled equipment shall not be used in tents or membrane structures.

IFC 3107.14.1

Flammable and combustible liquid storage. Flammable and combustible liquids shall be stored outside in an approved manner not less than 50 feet (15 240 mm) from tents or membrane structures. Storage shall be in accordance with Chapter 57.

IFC 3107.14.2

Refueling. Refueling shall be performed in an approved location not less than 20 feet (6096 mm) from tents or membrane structures

IFC 3107.14.3

Separation of generators. Generators and other internal combustion power sources shall be separated from tents or membrane structures by not less than 20 feet (6096 mm) and shall be isolated from contact with the public by fencing, enclosure or other approved means.

IFC 3107.16