



RCW 43.22.380 EXEMPTION FIRE & LIFE SAFETY CHECKLIST FOR VENDOR/MEDICAL CONVERSION UNITS

From time to time Labor & Industries receive inquiries by vendor owners, manufacturers and others on what they need to know how to get their vendor unit or medical unit approved with an insignia by Labor and Industries. (as listed below). Local County/City Jurisdictions, Insurance Companies, Health Departments, and others may generate inquiries and will not accept a vendor unit unless it has had a Plan Review and field inspection by L&I to meet the requirements for usage at their respective venues.

Conversion Vendor/Medical units built to be used in Washington State are inspected by the Department of Labor and Industries, Specialty Compliance Services Division, Factory Assembled Structures and are to be converted or built to comply with the following codes. RCW 43.22, WAC 296-150V, RCW 19.28, 2008 NEC Article 551 and 552, 2006 IMC, 2006 UPC, 2006 WSEC, 2006 WSVIAQ, 2008 NFPA 1192.

This checklist is designed to be generic in content and may not include all requirements for your particular installation. The Vendor unit may require a Plan Review approval and checklist installation instruction must be adhered to and available to the inspector at the time of the inspection. You may contact the L&I Factory Assemble Structures Plan Review section for additional information. Be sure you can answer YES to all of the questions before calling for inspection. Failure of the inspection will require a reinspection fee to be paid.

Please call your local L & I Factory Assembled Structures Inspector with any questions.

REFERENCE

COMPLIANCE Yes No

REFERENCE		Yes	No
WAC 296-150V-0020	Conversion vendor/medical unit is defined as a motor vehicle or other structure that has been converted or built for the purpose of being used for commercial sales at temporary locations (30 days). The unit must be 8 feet six inches or less in width (exterior floor measurement) in the set-up position, and the inside working area must be less than 40 feet in length (interior floor measurement) and are: (1) transportable in only one section (2) designed for highway use (3) temporarily occupied for distribution of items, e.g., food; (4) built on a permanent chassis; and (5) include at least one of the following systems: Plumbing, mechanical or 120 and/or 240 volt electrical. Vendor units approved under this rule are not to have interior dining or seating and are approved only for the distribution of food or goods to people outside the unit.	<input type="checkbox"/>	<input type="checkbox"/>
RCW 43.22.380	Used mobile homes, commercial coaches, conversion vending, medical units, recreational vehicles, and/or park trailers manufactured for use outside this state which do not meet the requirements prescribed and have been used for six months or more will not be required to comply with those requirements except for alterations or installations referred to in RCW 43.22.360.	<input type="checkbox"/>	<input type="checkbox"/>
WAC 296-150V-1600	What are the requirements associated with medical and conversion vending units that have been manufactured and used outside the state according to RCW 43.22.380? (1) If the unit does not have any alterations made to body and frame design, construction, plumbing, heating or electrical installations since it was constructed, it will need an insignia issued by the department. In order to receive the insignia, the unit must have been: (a) Manufactured outside the state of Washington. Proof of this must be demonstrated by a certificate of origin, bill of sale, proof of purchase of materials, manufacture identification tag or serial number, or any other means acceptable to the department that shows that the unit was manufactured outside the state. (b) Used outside the state for at least six months or more. Proof of this must be demonstrated by showing the purchase of a license plate, a permit(s) issued by another state agency for use in another state, insurance certificate, bill of sale, or any other means acceptable to the department that shows that the unit was used outside the state for at least six months.	<input type="checkbox"/>	<input type="checkbox"/>

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Yes No

<p>WAC 296-150V-0205</p>	<p>Can I obtain an exempt vendor/medical insignia? For approval of an exempt vendor/medical insignia, you must complete a factory built structures alteration request with: (1) Documentation that shows that the unit was used outside of the state for six months before being brought into Washington state. (see RCW 43.22.380) Types of documentation to include state or local health certificates. (2) Payment of the factory built structures alteration permit and exempt insignia fee. (3) Completion of a fire and life safety inspection.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1100</p>	<p>The flame-spread requirements are that all walls and ceilings must be 200 flame-spread or less.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1110</p>	<p>The exposed wall adjacent to the cooking range must be 50 flame-spread or less, such as 5/16 inch gypsum board or material having equivalent fire protective properties. All openings for pipes and vents in furnace and water heater spaces shall be tight-fitted or fire-stopped.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1120</p>	<p>The bottom and sides of combustible cabinets over cooking appliances or tops including a space of 6 inches from the edge of the burners must be protected with at least 5/16 inch sheetrock with a 25 flame spread. This material must be behind deep fat fryers, grills, ranges, and other cooking appliances. It must extend 6 inches beyond the edge of the appliance and range hood. (1) Range hoods for commercial equipment must meet the requirements of the International Mechanical Code such as Type I or II hoods and Fire suppression. (2) Range hoods for noncommercial equipment may be of a residential type, the hood must be centered over and at least as wide as the top of the cooking appliance.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1180</p>	<p>Pass-through window areas shall be safety glazed based on the IBC 2406.1 Each pane of safety glazing installed in a hazardous location shall be identified. Safety glazing not required for Plexiglas or other non-glass window panels.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1180</p>	<p>The exit door must be at least 28 inches wide clear opening by 72 inches high, units with doors less than 28 inches in width and 72 in height must have a second means of exit. The second means of exit shall be 24 inches by 17 inches. When there are employees, a minimum of 28x72 inch door clear opening must be provided. Roll-up doors are not accepted as exit doors. Exit doors may be hinged or sliding and must be operable from the interior of the unit without use of a key.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1303</p>	<p>Storage batteries must be securely attached to the vendor unit. They must be installed in an area which is vapor tight to the interior and ventilated directly to the exterior. When batteries are installed in a compartment, the compartment must be ventilated with openings not less than 2 square inches at the top and 2 square inches at the bottom. Batteries must not be installed in a compartment containing spark or flame producing equipment.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1350</p>	<p>LP-Gas containers must be mounted on (1) the A-frame and not lower than the bottom of the trailer frame. (2) installed in a compartment that is vapor-tight to the inside of the vendor/medical unit and accessible only from the outside; or be mounted on the chassis or to the floor and neither the container nor its supports may be lower than the top of the axle height.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1350 ANSI 119.2.5.2.6.1</p>	<p>LP-Gas container being housed in a compartment enclosure shall be ventilated at or near the top and at the extreme bottom to facilitate diffusion of vapors. The vents shall be equally distributed between the floor and ceiling of the compartment. Vents shall have an unrestricted discharge to the outside atmosphere. LP-Gas containers shall be secured in place so they will not become dislodged.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>
<p>WAC 296-150V-1360-1390</p>	<p>Vendor & Medical units using gas may be piped for LPG, NG or both. Gas piping shall not be concealed inside walls or floors of the unit. It may pass perpendicular through a wall or floor only when protected by a weather resistant and snug fitting grommet. Only pipe joint compound approved for the type of gas & pipe shall be used. Gas piping shall be supported every 4 feet by metal hangers or strapping or by a structural member. Gas piping shall be rigidly anchored within 6 inches of the supply connections. Gas piping cannot be used as the grounding source. It must be bonded to the ground buss of the electrical panel.</p>	<p><input type="checkbox"/></p>	<p><input type="checkbox"/></p>

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Yes No

WAC 296-150V-1410	Gas piping must not be used for an electrical ground. Gas line must be bonded with a number 8 copper minimum or equal conductor to the chassis frame.	<input type="checkbox"/>	<input type="checkbox"/>
WAC 296-150V-1440	A full-way shut off valve shall be installed with-in 6 feet of the cooking appliance or within 3 foot of any other appliance inside the unit. A shut off valve may serve more than one appliance.	<input type="checkbox"/>	<input type="checkbox"/>
WAC 296-150V-1580	Water heater pressure relief valves must be provided with full-size drains. Drains must be directed to the exterior of the unit, exiting at least 6 inches above the ground, and must exhaust downward. Drain lines must be of a material approved for hot water distribution and must drain fully by gravity, must not be trapped, and must not have their outlets threaded.	<input type="checkbox"/>	<input type="checkbox"/>
UPC 604.0 & 701	Water distribution pipe, building supply water pipe, and fittings shall be listed as approval materials. Drainage piping and fittings shall be of listed approved materials.	<input type="checkbox"/>	<input type="checkbox"/>
NFPA 5.3.2	Gas piping materials for propane gas piping system shall be listed materials.	<input type="checkbox"/>	<input type="checkbox"/>
NFPA 1192 – 5.2.5	Propane containers located less than 18 inches from the exhaust system, the transmission, or a heat-producing component of the internal combustion engine shall be shielded by a vehicle frame member or by a noncombustible baffle with an air space on both sides of the frame member or baffle.	<input type="checkbox"/>	<input type="checkbox"/>
NFPA 1192–6.4.5	Internal combustion engine-driven generator units shall be listed and installed in accordance with manufacturer’s instructions and shall be vapor resistant to the interior of the vehicle. The generator compartment shall be lined with galvanized steel not less than 26 MSG thick.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 404.8	The service panel location shall be located so that breakers may be operated from a readily accessible place. They shall be installed such that the center of the grip of the operating handle of the circuit breaker, when in its highest position, is not more than 6’ ft 7” inches above the floor or working platform.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 551.41(C)	GFCI, Ground-Fault Circuit-Interrupter receptacles required when the receptacles are installed to serve the countertop surfaces and are within 6 feet of any lavatory or sink and when located on the exterior side of the vehicle.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 551.45(B)	The distribution panel board shall be installed in a readily accessible location. Working clearance for the panel board shall not be less than 24 inches wide and 30 inches deep. Exception 1: Where the panel board cover is exposed to the inside aisle space, one of the working clearance dimensions shall be permitted to be reduced to a minimum of 22" inches. A panel board is considered exposed where the panel board cover is within 2" inches of the aisles finished surfaced.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 551.45(C)	A main disconnecting means shall be provided where breakers/fuses are used or where more than two circuit breakers are employed. A main over current protective device not exceeding the power-supply assembly rating shall be provided where more than two branch circuits are employed.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 551.46	Electrical systems with isolated grounds and neutrals when system is a 120 volt three wire system it must have a three wire feeder, when system is a 240 volt system it must have a four wire system.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 551.56	All exposed non current carrying metal parts that may become energized shall be effectively bonded / a bonding conductor shall be connected between the distribution panel board and an accessible terminal on the chassis.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 517.13	All branch circuits serving patient care areas shall be installed in a metal raceway system, or a cable having a metallic armor or sheath assembly qualifying as an equipment grounding conductor. All receptacles and electrical equipment over 100 volts, and subject to personal contact, shall be connected to an insulated copper equipment grounding conductor. The equipment ground shall be installed in the same metal raceway, or listed cable having a metallic armor or sheath assembly, with the branch circuit conductors.	<input type="checkbox"/>	<input type="checkbox"/>