

AMENDATORY SECTION (Amending WSR 05-23-002, filed 11/3/05, effective 12/4/05)

**WAC 296-150C-0320 What must I provide with my request for commercial coach design-plan approval by the department?** All requests for design-plan approval must include:

(1) A completed design-plan approval request form;

(2) Two sets of design plans plus elevation drawings, specifications, engineering analysis, and test results and procedures necessary for a complete evaluation of the design; (see WAC 296-150C-0340 and 296-150C-0350.)

(3) At least one set of design plans must have an original wet stamp from a professional engineer or architect licensed in Washington state. All new, renewed, and resubmitted plans, specifications, reports and structural calculations prepared by or prepared under his or her direct supervision shall be signed, dated and stamped with their seal. Specifications, reports, and structural calculations may be stamped only on the first sheet, provided this first sheet identifies all of the sheets that follow are included and identified in the same manner. Plans that have not been prepared by or under the engineer's or architect's supervision shall be reviewed by them and they shall prepare a report concerning the plans reviewed. This report shall:

(a) Identify which drawings have been reviewed by drawing number and date;

(b) Include a statement that the plans are in compliance with current Washington state regulations; and

(c) The report shall be stamped and signed by the reviewer.

Any deficiencies shall be corrected on the drawings before submitting to the department or be included in the report and identify as to how they are to be corrected. This report shall be attached to the plan(s) that were reviewed. We will retain the set with the original wet stamp;

(4) Receipt of a one-time initial design plan filing fee and the initial design plan fee (see WAC 296-150C-3000);

(5) A "key drawing" to show the arrangement of modules if the plan covers three or more modules;

(6) The occupancy class of the commercial coach according to the occupancy classifications in the (~~Uniform~~) International Building Code;

(7) Electrical plan review for educational, institutional or health care facilities and other buildings. Plan review is a part of the electrical inspection process; its primary purpose is to determine:

(a) That loads and service/feeder conductors are calculated and sized according to the proper (~~NCE~~) NEC or WAC article or section;

- (b) The classification of hazardous locations; and
- (c) The proper design of emergency and standby systems.

(8) All electrical plans for new or altered electrical installations in educational, institutional, and health or personal care occupancies classified or defined in this chapter must be reviewed and approved before the electrical installation or alteration is started. Approved plans must be available for use during the electrical installation or alteration and for use by the electrical inspector.

(9) All electrical plans for educational facilities, hospitals and nursing homes must be prepared by, or under the direction of, a consulting engineer registered under chapter 18.43 RCW in compliance with chapters 246-320, 180-29, and 388-97 WAC as applicable and stamped with the engineer's mark and signature.

(10) Plans to be reviewed by the department must be legible, identify the name and classification of the facility, clearly indicate the scope and nature of the installation and the person or firm responsible for the electrical plans. The plans must clearly show the electrical installation or alteration in floor plan view, include switchboard and/or panel board schedules and when a service or feeder is to be installed or altered, must include a riser diagram, load calculation, fault current calculation and interrupting rating of equipment. Where existing electrical systems are to supply additional loads, the plans must include documentation that proves adequate capacity and ratings. The plans must be submitted with a plan review submittal form available from the department.

#### NEW SECTION

**WAC 296-150C-0495 Contractor deposit accounts.** Manufacturers are required to open and maintain, for the purpose of inspection payments, a deposit account. Funds, for the purpose of inspections performed by the department, must be withdrawn from the account and all inspections paid in full prior to an insignia being placed on the manufactured unit.

AMENDATORY SECTION (Amending WSR 05-01-102, filed 12/14/04, effective 2/1/05)

**WAC 296-150C-0800 What manufacturing codes apply to commercial coaches?** (1) All design, construction, and installations of commercial coaches must conform with the following codes and the requirements of this chapter:

(a) The latest adopted version of the Washington State Ventilation and Indoor Air Quality Code, as adopted by chapter 51-13 WAC;

(b) The structural and other requirements of this chapter;

(c) Occupancy classification only from chapter 3 of the International Building Code, (~~(2003)~~) current edition, as adopted and amended by chapter 51-50 WAC, except commercial coaches must not be group H or R-3 occupancy;

(d) Accessibility requirements of chapter 11 of the International Building Code, (~~(2003)~~) current edition, as adopted and amended by chapter 51-50 WAC;

(e) Section 1607 Uniform and concentrated floor loads and footnotes of the International Building Code, (~~(2003)~~) current edition, as adopted and amended by chapter 51-50 WAC;

(f) The International Mechanical Code, (~~(2003)~~) current edition, as adopted and amended by chapter 51-52 WAC except when conflicting with the provisions of this chapter, this chapter controls;

(g) The National Electrical Code as referenced in chapter 19.28 RCW and chapter 296-46B WAC;

(h) The (~~latest adopted version of the~~) Washington State Energy Code, current edition, as adopted according to chapter 19.27A RCW;

(i) The Uniform Plumbing Code, current edition, as adopted and amended according to chapter 19.27 RCW;

(j) Where there is a conflict between codes, an earlier named code takes precedent over a later named code. Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive governs. Where there is a conflict between a general requirement and a special requirement, the specific requirement must be applicable.

(2) All construction methods and installations must use accepted engineering practices, provide minimum health and safety to the occupants of commercial coaches and the public, and demonstrate journeyman quality of work of the various trades.

(3) Requirements for any size, weight, or quality of material modified by the terms "minimum," "not less than," "at least," and similar expressions are minimum standards. The manufacturer may exceed these rules provided the deviation does not result in inferior installation or defeat the purpose and intent of this chapter.

Note: The codes, RCW's and WAC's referenced in this rule are available to view at the Washington State Library, the Washington State Law Library, and may also be available at your local library.

AMENDATORY SECTION (Amending WSR 99-13-010, filed 6/4/99, effective 7/5/99)

**WAC 296-150C-0810 Construction definitions.** The following definitions and the definitions in each of the state codes adopted in WAC 296-150C-0800 apply to commercial coach construction.

**"Anchoring system"** is the means used to secure a commercial coach to ground anchors or to other approved fastening devices. It may include straps, cables, turnbuckles, bolts, fasteners, or other components.

**"Ceiling height"** is the clear vertical distance from the finished floor to the finished ceiling.

**"Chassis"** means that portion of the transportation system comprised of the following: Drawbar coupling mechanism and frame.

EXCEPTION:                   The running gear assembly shall not be considered as part of the chassis.

**"Dead load"** is the vertical load resulting from the weight of all permanent structural and nonstructural parts of a commercial coach including walls, floors, roof, partitions, and fixed service equipment.

**"Diagonal tie"** is a tie intended primarily to resist horizontal or shear forces and secondarily may resist vertical, uplift, and overturning forces.

**"Dormitory"** is a room designed to be occupied by more than two persons.

**"Exit"** is a continuous and unobstructed means of egress to a public way.

**"Frame"** means the fabricated rigid substructure, which provides support to the affixed commercial coach structure both during transport and onsite. It is considered a part of the commercial coach.

**"Glazed opening"** is a glazed skylight or an exterior window or glazing of a door of a commercial coach.

**"Gross floor area"** is the net floor area within the enclosing walls of a room where the ceiling is at least five feet high.

**"Habitable room"** is a room or enclosed floor space arranged for living, eating, food preparation, or dormitory sleeping purposes. It does not include bathrooms, toilet compartments, foyers, hallways, or other accessory floor spaces. Any reference to "habitable dwelling" in this chapter means a temporary structure not used as a single family dwelling.

**"Interior finish"** is the surface material of walls, fixed or movable partitions, ceilings and other exposed interior surfaces affixed to the commercial coach structure, including paint and wallpaper. Decorations or furnishings attached to the commercial coach structure are considered part of the interior finish.

**"Live load"** is the weight superimposed by the use and occupancy of the commercial coach, including wind load and snow load, but not including dead load.

**"Perimeter blocking"** is support placed under exterior walls.

**"Shear wall"** is a wall designed and constructed to transfer

lateral loads.

**"Tiedown"** is a device designed to anchor a commercial coach to ground anchors.

**"Use" or "occupancy classification"** is the designed purpose of a commercial coach according to ~~the ((Uniform))~~ International Building Code.

**"Wind load"** is the lateral or vertical pressure or uplift created by wind blowing in any direction.

AMENDATORY SECTION (Amending WSR 05-01-102, filed 12/14/04, effective 2/1/05)

**WAC 296-150C-1150 Hallways.** (1) Hallways in structures required to meet accessibility standards must have a minimum horizontal dimension that conforms to accessibility standards set by the ~~((Washington state Uniform))~~ International Building Code, current edition, standards set in the accessibility standard in WAC 296-150C-0800 (1)(d).

(2) Hallways in nonaccessible construction site trailers must have a minimum horizontal dimension of 32 inches.

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150C-1330 Mechanical--General.** This chapter applies to the installation of mechanical, ventilation, and indoor air quality equipment in any commercial coach bearing or required to bear a department insignia. Mechanical, ventilation, and indoor air quality equipment and installations in or on a commercial coach shall be installed according to the requirements of the ~~((Uniform))~~ International Mechanical Code ~~((, the Washington State Ventilation and Indoor Air Quality Code, the rules of this chapter, and the conditions of the equipment approval or listing agency))~~, current edition.

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150C-1340 Mechanical definitions.** Definitions contained in the ~~((current adopted edition of the Uniform))~~

International Mechanical Code, current edition, and the following definitions apply to the commercial coaches.

**"Accessible"** is having access to a fixture, connection, appliance, or equipment that requires the removal of an access panel, door, or similar obstruction.

**"Appliance compartment"** is a room having a floor area not in excess of twice the largest plan area of the room's appliance or appliances plus clearances required in this chapter.

**"Automatic pilot device"** is a device employed with gas-burning equipment that will either automatically shut off the gas supply to the burner being served or automatically activate, electrically or otherwise, a gas shutoff device when the pilot flame is extinguished.

**"Btuh"** is British thermal units per hour.

**"Clearance"** is the distance between the appliance, chimney, vent, or chimney or vent connector, or plenum and the nearest surface.

**"Combustible material"** is a material adjacent to or in contact with a heat-producing appliance, vent connector, chimney, or steam and hot water pipes, made of or surfaced with wood, compressed paper, plant fibers, or other products that will ignite and burn. Such material must be considered combustible even though flame-proofed, fire-retardant treated, or plastered.

**"Connector-gas appliance"** is a flexible or semi-rigid connector listed as conforming to ANSI Standard Z21.24, Metal Connectors for Gas Appliances, used to convey fuel gas, three feet or less in length (six feet or less for gas ranges), between a gas outlet and a gas appliance in the same room.

**"Fuel gas piping system"** is the arrangement of piping, tubing, fittings, connectors, valves, and devices designed and intended to supply or control the flow of fuel gas to an appliance.

**"Gas"** is fuel gas, such as natural gas, manufactured gas, undiluted liquefied petroleum gas (vapor phase only), liquefied petroleum air-gas mixtures, or mixtures of these gases that would ignite in the presence of oxygen.

**"Gas-supply connection"** is the terminal end or connection to which a gas-supply connector is attached.

**"Input rating"** is the maximum fuel-burning capacity of any warm-air furnace, recessed heater, or burner expressed in British thermal units per hour.

**"Liquefied petroleum gases (LPG)"** is any material that is composed predominantly of propane, propylene, butanes (normal butane or isobutane), and butylenes, or any mixture of them.

**"Quick-disconnect device"** is a hand-operated means of connecting and disconnecting a gas supply or connecting gas systems and is equipped with an automatic device to shut off the gas supply when disconnected.

**"Readily accessible"** is having direct access without the necessity of removing any panel, door, or similar obstruction.

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150C-1470 Ventilation and indoor air quality--**  
**General.** Ventilation and indoor air quality equipment and installations in or on a commercial coach must be made according to the requirements of (~~the Washington State Ventilation and Indoor Air Quality Code,~~) the ((Uniform)) International Mechanical Code, current edition, the rules of this chapter, and the conditions of the equipment approval.

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150C-1480 Ventilation and indoor air quality definitions.** (~~Definitions contained in the current adopted edition of the Washington State Ventilation and Indoor Air Quality Code and~~) The ((Uniform)) International Mechanical Code, current edition, and the following definitions apply to the commercial coach ventilation and indoor air quality rules in this chapter.

**"Duct"** is a conduit or passageway for conveying air to or from heating, cooling, air conditioning, or ventilation equipment, not including the plenum.

**"Plenum"** is an air compartment that is part of an air-distributing system to which one or more ducts are connected.

- **A furnace-supply plenum** is a plenum attached directly to, or an integral part of, the air-supply outlet of the furnace.
- **A furnace-return plenum** is a plenum attached directly to, or an integral part of, the return inlet of the furnace.

**"Vent connector"** is a pipe for conveying products of combustion from a fuel-burning appliance to a vent.

**"Water heater"** is an appliance for heating water for domestic purposes other than for space heating.

AMENDATORY SECTION (Amending WSR 07-05-063, filed 2/20/07, effective 4/1/07)

**WAC 296-150F-0020 What definitions apply to this chapter?**

**"Approved"** is approved by the department of labor and industries.

**"Building site"** is a tract, parcel, or subdivision of land on which a factory-built house or commercial structure will be installed.

**"Component"** is a part or element of another system as defined by the International Building Code, section 202, and is:

- Designed to be installed in a structure;
- Manufactured as a unit; and
- Designed for a particular function or group of functions.

A component may be a service core or other assembly that is a factory assembled section of a building. It may include mechanical, electrical, plumbing, and related systems. It may be a complete kitchen, bathroom, or utility room. Service cores are referred to as "wet boxes," "mechanical cores," or "utility cores."

Note: A roof truss is not considered a component.

**"Damaged in transit"** is damage that effects the integrity of the structural design or damage to any other system referenced in the codes required by the State Building Code, or other applicable codes.

**"Department"** is the department of labor and industries. The department may also be referred to as "we" or "us" in this chapter. Note: You may contact us at: Department of Labor and Industries, Specialty Compliance, PO Box 44440, Olympia, WA 98504-4440.

**"Design plan"** is a plan for the construction of factory-built housing, commercial structures, or components that includes floor plans, elevation drawings, specifications, engineering data, or test results necessary for a complete evaluation of the design.

**"Design option"** is a design that a manufacturer may use as an option to its design plan.

**"Educational facility"** is a building or portion of a building used primarily for educational purposes by six or more persons at one time for twelve hours per week or four hours in any one day. Educational occupancy includes: Schools (preschool through grade twelve), colleges, academies, universities, and trade schools.

**"Equipment"** is all material, appliances, devices, fixtures, fittings, or accessories used in the manufacture, assembly, installation, or alteration of factory-built housing, commercial structures, and components.

**"Factory assembled structure (FAS) advisory board"** is a board authorized to advise the director of the department regarding the issues and adoption of rules relating to factory-built housing, commercial structures and components. (See RCW 43.22.420.)

**"Health or personal care facilities"** are buildings or parts of buildings that contain, but are not limited to, facilities that are required to be licensed by the department of social and health services or the department of health (e.g., hospitals, nursing homes, private alcoholism hospitals, private psychiatric hospitals, boarding homes, alcoholism treatment facilities, maternity homes, birth centers or childbirth centers, residential treatment facilities for psychiatrically impaired children and youths, and renal hemodialysis clinics) and medical, dental or chiropractic offices or clinics, outpatient or ambulatory surgical clinics, and such other health care occupancies where patients who may be unable to provide for their own needs and safety without the assistance of another person are treated. (Further defined in WAC (~~296-46B-010~~) 296-46B-900.)

**"Insignia"** is a label that we attach to a structure to verify that a factory-built house or commercial structure meets the requirements of this chapter. It could also be a stamp or label attached to a component to verify that it meets the requirements of this chapter.

**"Install"** is to erect or set in place a structure at a building site. It may also be the construction or assembly of a component as part of a factory-built house or commercial structure.

**"Institutional facility"** is a building or portion of a building used primarily for detention and correctional occupancies where some degree of restraint or security is required for a time period of twenty-four or more hours. Such occupancies include, but are not restricted to: Penal institutions, reformatories, jails, detention centers, correctional centers, and residential-restrained care.

**"Listing agency"** is an organization whose business is approving equipment, components, or installations for publication.

**"Local enforcement agency"** is an agency of city or county government with power to enforce local regulations governing the installation of factory-built housing and commercial structures.

**"Manufacturing"** is making, fabricating, forming, or assembling a factory-built house, commercial structure, or component.

**"Master design plan"** is a design plan that expires when a new State Building Code has been adopted.

~~((**"Manufacturing"** is making, fabricating, forming, or assembling a factory-built house, commercial structure, or component.))~~

**"One-year design plan"** is a design plan that expires one year after approval or when a new State Building Code has been adopted.

**"Repair"** is the replacement, addition, modification, or removal of any construction, equipment, system, or installation to correct damage in transit or during on-site installation before occupancy.

**"Temporary factory built structure"** is a building not set on a permanent foundation, which is used for temporary occupancy such as an educational, commercial, or agricultural building. The building must meet the requirements of this chapter and the installation requirements. As required under RCW 43.22.480 all

alterations to temporary factory built structures must be preapproved by the department.

"Unit" is a factory-built house, commercial structure, or component.

"Used structure" is a building as defined by section 202 of the International Building Code that has been given a certificate of occupancy by the local building department and has been occupied.

#### NEW SECTION

**WAC 296-150F-0090 What are the requirements for certified plumbers and electricians?** Plumbers certified under chapter 18.106 RCW and electricians certified under chapter 19.28 RCW are required for units constructed in Washington. For the purposes of construction at the manufacturing facility, the manufacturer is not required to be a licensed electrical contractor under chapter 19.28 RCW or a registered contractor as required by chapter 18.27 RCW. Manufacturers may hire registered plumbing contractors or licensed electrical contractors to meet this requirement.

Work performed outside the manufacturer's facility must be performed by a registered contractor under chapter 18.27 RCW, electrical contractor and electricians under chapter 19.28 RCW, and certified plumbers under chapter 18.106 RCW.

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150F-0230 What are the insignia application requirements?** (1) If you are requesting insignia for units that you intend to manufacture under a *new design plan*, your completed application must include:

- (a) A completed design plan approval request form;
- (b) (~~One~~) Two complete sets of design plans, specifications, engineering analysis, test procedures and results, plus one additional set for each manufacturing location where the design plan will be used;
- (c) At least one set of design plans must have an original wet stamp from a professional engineer or architect licensed in Washington state. We will retain the set with the original wet stamp; and
- (d) A one-time initial filing fee, the design plan fee (if we approve your design plan) and the fee for each insignia. (See WAC 296-150F-3000.)

(2) If you are requesting insignia under an *approved design plan*, your completed application must include:  
(a) A completed application for insignia form; and  
(b) The fee for each insignia requested. (See WAC 296-150F-3000.)

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150F-0310 Who can approve design plans?** (1) Design plans can be approved by us or by a licensed professional or firm authorized by us (see WAC 296-150F-0420 and 296-150F-0430).

(2) All electrical design plans for new or altered electrical installations for educational (~~(institutions)~~), institutional, health care facilities, and other buildings (see (~~chapters 296-46, 296-130, 296-140, and 296-150~~ WAC Table 1 or 2)) WAC 296-46B-900) must be reviewed and approved by us.

AMENDATORY SECTION (Amending WSR 07-05-063, filed 2/20/07, effective 4/1/07)

**WAC 296-150F-0320 What must I provide with my request for design-plan approval by the department?** All requests for design-plan approval must include:

(1) A completed design-plan approval request form;

(2) Two complete sets of design plans, specifications, engineering analysis, test procedures and results plus one additional set for each manufacturing location where the design plan will be used (see WAC 296-150F-0340 and 296-150F-0350);

(3) At least one set of design plans must have an original wet stamp from a professional engineer or architect licensed in Washington state. All new, renewed, and resubmitted plans, specifications, reports and structural calculations prepared by or prepared under his or her direct supervision shall be signed, dated and stamped with their seal. Specifications, reports, and structural calculations may be stamped only on the first sheet, provided this first sheet identifies all of the sheets that follow are included and identified in the same manner. Plans that have not been prepared by or under the engineer's or architect's supervision shall be reviewed by them and they shall prepare a report concerning the plans reviewed. This report shall:

(a) Identify which drawings have been reviewed by drawing number and date;

(b) Include a statement that the plans are in compliance with

current Washington state regulations; and

(c) The report shall be stamped and signed by the reviewer.

Any deficiencies shall be corrected on the drawings before submitting to the department or be included in the report and identify as to how they are to be corrected. This report shall be attached to the plan(s) that were reviewed. We will retain the set with the original wet stamp;

(4) A one-time initial filing fee and the design-plan fee (see WAC 296-150F-3000); and

(5) A "key drawing" to show the arrangement of modules if the plan covers three or more modules.

(6) Electrical plan review for educational, institutional or health care facilities and other buildings. Plan review is a part of the electrical inspection process; its primary purpose is to determine:

(a) That loads and service/feeder conductors are calculated and sized according to the proper NEC or WAC article or section;

(b) The classification of hazardous locations; and

(c) The proper design of emergency and standby systems.

(7) All electrical plans for new or altered electrical installations in educational, institutional, and health or personal care occupancies classified or defined in this chapter must be reviewed and approved before the electrical installation or alteration is started. Approved plans must be available for use during the electrical installation or alteration and for use by the electrical inspector.

(8) All electrical plans for educational facilities, hospitals and nursing homes must be prepared by, or under the direction of, a consulting engineer registered under chapter 18.43 RCW in compliance with chapters 246-320(~~(, 180-29,)~~) and 388-97 WAC as applicable and stamped with the engineer's mark and signature.

(9) Plans to be reviewed by the department must be legible, identify the name and classification of the facility, clearly indicate the scope and nature of the installation and the person or firm responsible for the electrical plans. The plans must clearly show the electrical installation or alteration in floor plan view, include switchboard and/or panel board schedules and when a service or feeder is to be installed or altered, must include a riser diagram, load calculation, fault current calculation and interrupting rating of equipment. Where existing electrical systems are to supply additional loads, the plans must include documentation that proves adequate capacity and ratings. The plans must be submitted with a plan review submittal form available from the department.

NEW SECTION

**WAC 296-150F-0325 What are the requirements for temporary built structures?** Structures built for temporary use must meet all the requirements of this chapter.

NEW SECTION

**WAC 296-150F-0495 Contractor deposit accounts.** Manufacturers are required to open and maintain, for the purpose of inspection payments, a deposit account. Funds, for the purpose of inspections performed by the department, must be withdrawn from the account and all inspections paid in full prior to an insignia being placed on the manufactured unit.

AMENDATORY SECTION (Amending WSR 07-05-063, filed 2/20/07, effective 4/1/07)

**WAC 296-150F-0580 Must I obtain an insignia for used factory-built structures?** All used factory-built housing and commercial structures that are to be installed on a building site in Washington state must have an insignia of approval from the department prior to being installed on a building site or it must be approved by the local building official as a moved building or structure as allowed by section ((~~101.2~~) 3410) of the International Building Code.

AMENDATORY SECTION (Amending WSR 96-21-146, filed 10/23/96, effective 11/25/96)

**WAC 296-150F-0600 What manufacturing codes apply to factory-built housing and commercial structures?** (1) All design, construction, installations, and alterations of factory-built housing, commercial structures, and components must conform with the following codes and the requirements of this chapter:

- (a) The State Building Code, chapter 19.27 RCW;

Note: The ((~~Uniform~~) International Building Code reference to "building official" means the chief prefabricated building specialist or authorized representative at the department of labor and industries.

- (b) The Energy Related Building Standards, chapter 19.27A RCW;
- (c) The National Electrical Code as referenced in chapter

19.28 RCW and chapter(~~(s 296-46 and 296-401)~~) 296-46B WAC.

(2) All construction methods and installations must use accepted engineering practices, provide minimum health and safety to the occupants of factory-built structures and the public, and demonstrate journeyperson quality of work of the various trades.

(3) Requirements for any size, weight, or quality of material modified by the terms "minimum," "not less than," "at least," and similar expressions are minimum standards. The manufacturer may exceed these standards, provided the deviation does not result in inferior installation or defeat the purpose and intent of the standard.

Note: The codes, RCW's, and WAC's referenced in this rule are available for reference at the Washington State Library, the Washington State Law Library, and may be available at your local library.

AMENDATORY SECTION (Amending WSR 05-01-102, filed 12/14/04, effective 2/1/05)

**WAC 296-150F-0605 May the required toilet facilities be located in an adjacent building?** Under the following conditions, the department will allow the required toilet facilities to be located in adjacent building(s):

(1) The manufacturer shall note in the plan submittal that the requirements of IBC Chapter 29, Section (~~(2902)~~) 2902.1 and Section (~~(2902.1)~~) 2902.2, as amended by the state building code must be verified by the building official; and

(2) A Notification to Local Enforcement Agency (NLEA) must accompany each unit so that the requirements of IBC Chapter 29, Section (~~(2902)~~) 2902.1 and Section (~~(2902.1)~~) 2902.2 as amended by the state building code can be verified by the building official.

AMENDATORY SECTION (Amending WSR 03-12-044, filed 5/30/03, effective 6/30/03)

**WAC 296-150P-0020 What definitions apply to this chapter?**

**"Alteration"** is the replacement, addition, modification, or removal of any equipment or material that affects the fire and life safety provisions, structural system, plumbing systems, fuel systems and equipment or electrical systems of a recreational park trailer.

The following changes are not considered alterations for purposes of this chapter:

- Repairs with approved parts;
- Modification of a fuel-burning appliance according to the terms of its listing; and
- Adjustment and maintenance of equipment.

**"Alteration insignia"** is an insignia which indicates a recreational park trailer alteration was approved by the department.

**"ANSI"** is the American National Standards Institute, Inc., and the institute's rules applicable to recreational park trailers. For the purposes of this chapter, references to ANSI mean ANSI A119.5 Recreational Park Trailers, (~~(1998)~~) current edition.

**"Approved"** is approved by the department of labor and industries.

**"Audit"** by the department is the department inspection of a manufacturer's quality control procedures, comprehensive plans, and recreational park trailers.

**"Comprehensive design plan"** consists of the design plans and copies of drawings such as:

- Floor plans relating to fire and life safety, structural, electrical, plumbing, liquefied petroleum (LP) and/or natural gas systems and appliances and air conditioning systems, if applicable to the plan of each recreational park trailer.
- Plumbing line drawings which describe the size, length and location of gas piping lines, liquid and body waste lines, liquid and body waste tanks, and potable water tanks.
- Electrical drawings. (See WAC 296-150P-0330.)

**"Consumer"** is a person or organization who buys or leases recreational park trailers.

**"Dealer"** is a person or organization whose business is offering recreational park trailers for sale or lease.

**"Department"** is the department of labor and industries. The department may be referred to as "we" or "us" in this chapter. Note: You may contact us at: Department of Labor and Industries, Specialty Compliance, PO Box 44430, Olympia, WA 98504-4430.

**"Equipment"** is all material, appliances, fixtures, and accessories used in the manufacture or alteration of recreational park trailers.

**"Manual"** is a reference containing instructions, procedures, responsibilities and other information used to implement and maintain the quality control program of a recreational park trailer manufacturer.

**"National Electrical Code"** see Appendix 'C' of ANSI A119.5 for reference to the appropriate edition to use for compliance.

**"Recreational park trailer"** is a trailer-type unit that is primarily designed to provide temporary living quarters for recreational, camping or seasonal use, that meets the following criteria:

- Built on a single chassis, mounted on wheels;
- Having a gross trailer area not exceeding 400 square feet (37.15 square meters) in the set-up mode; and
- Certified by the manufacturer as complying with ANSI A119.5.

**"Quality control"** is the plan and method for ensuring that the manufacture, fabrication, assembly, installation, storing, handling, and use of materials complies with this chapter and ANSI.

**"State-plan insignia"** is an insignia which is obtained under the state design-plan approval process.

**"System"** is a part of a recreational park trailer that is designed to serve a particular function such as plumbing, electrical, heating, mechanical or structural system.

AMENDATORY SECTION (Amending WSR 08-10-075, filed 5/6/08, effective 6/6/08)

**WAC 296-150R-0020 What definitions apply to this chapter?**

"**Alteration**" is the replacement, addition, modification, or removal of any equipment or material that affects the fire and life safety provisions, plumbing systems, fuel systems and equipment or electrical systems of a recreational vehicle.

The following changes are not considered alterations for purposes of this chapter:

- Repairs with approved parts;
- Modification of a fuel burning appliance according to the terms of its listing; and
- Adjustment and maintenance of equipment.

"**Alteration insignia**" is an insignia which indicates a vehicle alteration was approved by the department.

"**ANSI**" is the American National Standards Institute, Inc., and the institute's rules applicable to *Low Voltage Systems in Conversion and Recreational Vehicles and Uniform Plan Approval for Recreational Vehicles*. For the purposes of this chapter, references to ANSI mean ANSI/RVIA 12V *Low Voltage Systems* (~~(2008)~~), current edition, and ANSI/RVIA UPA-1 *Standard on Uniform Plan Approval for Recreational Vehicles* (~~(2003)~~), current edition.

"**Approved**" is approved by the department of labor and industries.

"**Audit**" by the department can be either a comprehensive audit or a performance audit. A comprehensive audit is the department inspection of a manufacturer's quality control procedures, comprehensive plans, and vehicles. A performance audit is the department's review of the manufacturer's audit performed by the industry association or other independent auditor.

"**Comprehensive design plan**" consists of the design plans and copies of drawings such as:

- Floor plans relating to fire and life safety, electrical, plumbing, liquefied petroleum (LP) and/or natural gas systems and appliances and air conditioning systems, if applicable to the plan of each vehicle.
- Plumbing line drawings which describe the size, length and location of gas piping lines, liquid and body waste lines, liquid and body waste tanks, and potable water tanks.
- Electrical drawings. (See WAC 296-150R-0330 and 296-150R-0820.)

"**Consumer**" is a person or organization who buys or leases recreational vehicles.

"**Dealer**" is a person or organization whose business is offering recreational vehicles for sale or lease.

"**Department**" is the department of labor and industries. The

department may be referred to as "we" or "us" in this chapter. Note: You may contact us at: Department of Labor and Industries, Specialty Compliance, PO Box 44430, Olympia, WA 98504-4430.

**"Equipment"** is all material, appliances, fixtures, and accessories used in the manufacture or alteration of recreational vehicles or park trailers.

**"Manual"** is a reference containing instructions, procedures, responsibilities and other information used to implement and maintain the quality control program of a recreational vehicle manufacturer.

**"National Electrical Code"** see Chapter 2 of NFPA 1192 *Standard on Recreational Vehicles*, ((2008)) current edition, for reference to the appropriate edition to use for compliance.

**"NFPA"** is National Fire Protection Association, and the institute's rules applicable to recreation vehicles. For the purpose of this chapter, references to NFPA means NFPA 1192 *Standard on Recreational Vehicles*, ((2008)) current edition.

**"Quality control"** is the plan and method for ensuring that the manufacture, fabrication, assembly, installation, storing, handling, and use of materials complies with this chapter, ANSI, and NFPA.

**"Recreational vehicle"** is a vehicular type unit primarily designed as temporary living quarters for recreational camping, travel, or seasonal use that either has its own motive power or is mounted on, or towed by, another vehicle or as defined by NFPA 1192 *Standard on Recreational Vehicles*, current edition. Recreational vehicles include: Camping trailers, fifth-wheel trailers, motor homes, travel trailers, and truck campers.

**"Self-certification insignia"** is an insignia which is obtained under the self-certification approval process.

**"State-plan insignia"** is an insignia which is obtained under the state design-plan approval process.

**"System"** is a part of a recreational vehicle that is designed to serve a particular function such as plumbing, electrical, heating, or mechanical system.

**"Vehicle"** for the purposes of this chapter, is a recreational vehicle.

AMENDATORY SECTION (Amending WSR 99-12-079, filed 5/28/99, effective 6/28/99)

**WAC 296-150T-0200 Who must purchase factory-built temporary worker housing insignia?** (1) You must obtain insignia from us for each factory-built temporary worker (~~(housing)~~) housing unit sited in Washington state.

(2) You must have an approved design plan and have passed inspection before an insignia can be attached to your factory-built temporary worker housing structure by us or our authorized agent.

(3) If a unit is damaged in transit after leaving the manufacturing location or during an on-site installation, and a repair is necessary, you must purchase a new insignia from us. The new insignia indicates that the unit was repaired.

NEW SECTION

**WAC 296-150T-0495 Contractor deposit accounts.** Manufacturers are required to open and maintain, for the purpose of inspection payments, a deposit account. Funds, for the purpose of inspections performed by the department, must be withdrawn from the account and all inspections paid in full prior to an insignia being placed on the manufactured unit.

AMENDATORY SECTION (Amending WSR 99-12-079, filed 5/28/99, effective 6/28/99)

**WAC 296-150T-0600 What manufacturing codes apply to factory-built temporary worker housing?** (1) All design, construction, installations, and alterations of factory-built temporary worker housing structures must conform with the following codes and the requirements of this chapter:

(a) The temporary worker housing construction code, chapter 246-359 WAC;

(b) The National Electrical Code as referenced in chapter 19.28 RCW and in chapter (~~(296-46)~~) 296-46B WAC.

(2) All construction methods and installations must comply with chapter 246-359 WAC and use accepted engineering practices when used, provide minimum health and safety to the occupants of

factory-built temporary worker housing structures and the public, and demonstrate journeyperson quality of work of the various trades.

(3) Requirements for any size, weight, or quality of material modified by the terms "minimum," "not less than," "at least," and similar expressions are minimum standards. The manufacturer may exceed these standards, provided the deviation does not result in inferior installation or defeat the purpose and intent of the standard.

Note: The codes, RCWs, and WACs referenced in this rule are available for reference at the Washington State Library, the Washington State Law Library, and may be available at your local library.

NEW SECTION

**WAC 296-150V-0495 Contractor deposit accounts.** Manufacturers are required to open and maintain, for the purpose of inspection payments, a deposit account. Funds, for the purpose of inspections performed by the department, must be withdrawn from the account and all inspections paid in full prior to an insignia being placed on the manufactured unit.

AMENDATORY SECTION (Amending WSR 03-12-044, filed 5/30/03, effective 6/30/03)

**WAC 296-150V-0800 What codes apply to conversion vendor units or medical units?** (1) A conversion vendor unit or medical unit must comply with the following codes where applicable:

(a) The ~~((Uniform))~~ current edition of the International Mechanical Code, with the amendments made by the Washington State Building Code Council, chapter ~~((51-42))~~ 51-52 WAC.

(b) (i) For conversion vending/medical units Article 551, Parts I through VI of National Electrical Code/National Fire Protection Agency (NFPA) 70, ~~((2002))~~ current edition or Article 552, Parts I through V Article of National Electrical Code/National Fire Protection Agency (NFPA) 70, ~~((2002))~~ current edition.

(ii) For medical units the National Electrical Code (NFPA 70, current edition) as referenced in ~~((chapter 19.28 RCW))~~ Article 517 for Patient Care Areas and chapter ~~((296-46A))~~ 296-46B WAC ~~((7 installing electric wires and equipment))~~.

(c) Chapter 7 of ~~((American National Standards Institute (ANSI) A119.2, 2002))~~ the National Fire Protection Association (NFPA 1192), current edition or the Uniform Plumbing Code as adopted and amended according to chapter 19.27 RCW.

(d) The Washington State Building Code Council, chapter ~~((51-40))~~ 51-50 WAC, ~~((Uniform))~~ International Building Code, Chapter 11, Accessibility as applies to the exterior of the unit relating to customer service facilities in section 1105.4.7.

~~((e) The Washington State Energy Code, as adopted according to chapter 19.27A RCW, and the Washington State Ventilation and Indoor Air Quality Code, chapter 51-13 WAC, when heating and/or air conditioning is installed.))~~

(2) Provide minimum health and safety to the occupants of conversion vendor units and medical units and the public, and demonstrate journeyman quality of work of the various trades.

(3) Requirements for any size, weight, or quality of material

modified by the terms "minimum," "not less than," "at least," and similar expressions are minimum standards. The conversion vendor unit or medical unit may exceed these rules provided the deviation does not result in inferior installation or defeat the purpose and intent of this chapter.

Exception: Sign circuits required by Article 600 of the National Electrical Code will not be required.

AMENDATORY SECTION (Amending WSR 05-01-102, filed 12/14/04, effective 2/1/05)

**WAC 296-150V-1180 What requirements apply to conversion vendor unit exits ((on all units approved after December 31, 1999))?** At least one conversion vending unit exit or medical unit exit must meet the following requirements:

- (1) Exterior doors must be constructed for exterior use.
- (2) The exterior door must be at least a twenty-eight inch wide clear opening by seventy-two inches high.
- (3) Locks must be operable from the interior of the unit without use of a key.
- (4) Exit doors may either be hinged or sliding. Roll-up doors may not be used to meet the requirements of this section.
- (5) Existing units with doors less than twenty-eight inches in width must have a second means of exit. The second means of exit for converted units shall be twenty-four inches by seventeen inches, and for newly built units exits must be a minimum of five square feet of openable area.
- (6) Pass-through windows shall be safety glazed based on the IBC Section 2406.1.

Exception: When there are employees, a minimum of twenty-eight inches clear opening must be provided.

AMENDATORY SECTION (Amending WSR 99-18-069, filed 8/31/99, effective 10/1/99)

**WAC 296-150V-1185 What exit door requirements apply to self-propelled medical unit exits?** Exit door(s) on self-propelled medical units must meet the following requirements:

- (1) Exterior doors must be constructed for exterior use.
- (2) The exterior door must be at least a twenty-eight inches wide clear opening by seventy-two inches high.
- (3) Locks must be operable from the interior of the unit without use of a key.
- (4) Exit doors may either be hinged or sliding. Roll-up doors

may not be used to meet the requirements of this section.

(5) (~~Units over twenty-four feet in length must have a minimum of two exit doors.~~) Exit doors where the threshold of the door is more than fourteen inches above the adjacent grade or road surface must have landings, stairs, handrail, and guardrails meeting the requirements of IBC chapter 10 as referenced in chapter 51-50 WAC.

AMENDATORY SECTION (Amending WSR 99-18-069, filed 8/31/99, effective 10/1/99)

**WAC 296-150V-1330 What are the mechanical requirements for a conversion vendor unit or medical unit?** When mechanical and ventilation equipment is installed in or on a conversion vendor unit or medical unit, it must be installed according to the requirements of the (~~Uniform~~) International Mechanical Code, and to the conditions of the equipment approval or listing.