



ELECTRIC/GAS CONVERSION PRE-INSPECTION CHECKLIST

This checklist is designed to be generic in content and may not include all requirements for your particular installation. The manufacturer's installation instruction must be adhered to and available to the inspector at the time of the inspection. 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. Gas lines checklist are available. Verification of gas testing to be made by either inspector or affidavit.

REFERENCE

COMPLIANCE

		Yes	No
WAC 296-150M-0309	Alteration Permit and insignia purchased.	<input type="checkbox"/>	<input type="checkbox"/>
WAC 296-150M-360	If required, plan approval obtained? (i.e. cut roof trusses or floor joists) See structural alteration at the end of this checklist	<input type="checkbox"/>	<input type="checkbox"/>
3280.709(a)	Installation instructions MUST BE present.	<input type="checkbox"/>	<input type="checkbox"/>
3280.703	Gas appliances must be approved to the following minimum standards. Gas fired central furnaces (except direct vent system central furnaces) ANSI Z21.47 Gas burning heating appliances for mobile home: UL 307-B. Gas water heaters, input rating less than 75,000 BTU/H: ANSI Z21.10.1- gas cooking appliance: ANSI Z.21.1	<input type="checkbox"/>	<input type="checkbox"/>
3280.707(a)	Heat producing appliances and vents, roof jacks and chimney shall be listed and approved for use in manufactured homes and installed as per the manufacture's installation instructions.	<input type="checkbox"/>	<input type="checkbox"/>
3280.709(a)	Appliances must be secured to manufactured home structure per listing and the code.	<input type="checkbox"/>	<input type="checkbox"/>
3280.709(a)	Appliances must be accessible for removal or repair.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 300-15(a)	All original wire to electric furnace, water heater and/or range must be terminated in J-box and capped with wire nuts and J-box cover.	<input type="checkbox"/>	<input type="checkbox"/>
3280.808(k) & NEC 550-14(h)	Under floor wiring shall be protected by either 1 or 2 1. Rigid metal conduit per Article 344 or intermediate metal conduit per article 342 2. Electrical metallic tubing per article 358 or rigid nonmetallic conduit per article 352 WHEN closely routed against the frame.	<input type="checkbox"/>	<input type="checkbox"/>
	The conductors shall be suitable for wet locations. (i.e. RHW, TW, THW, THWN.XHWW).	<input type="checkbox"/>	<input type="checkbox"/>
3280.705(a)	All exterior openings around pipe, ducts, plenums, and vents shall be rodent-	<input type="checkbox"/>	<input type="checkbox"/>
3280.206(c)	proof and fire stopped.	<input type="checkbox"/>	<input type="checkbox"/>
<u>MAIN ELECTRICAL PANELBOARD</u>			
3280.805(a)(3)	Circuit for equipment must be properly sized, dedicated, and protected and added to panel schedule.	<input type="checkbox"/>	<input type="checkbox"/>
3280.808(d)	Wiring shall be secured 12" from box or cabinets.	<input type="checkbox"/>	<input type="checkbox"/>
<u>FURNACE COMPARTMENT</u>			
3280.203(b)(3) and 203c(1)(iii) & (iv)	Walls adjacent to or enclosing a furnace and ceilings above shall have an interior finish with a flame-spread rating not exceeding 25. Sealants and other trim materials 2 inches or less in width used to finish adjacent surfaces (i.e. 3/8" or thicker sheetrock) within these spaces are exempt from this provision provided that all joints are completely supported by framing members or by material having a flame spread rating not exceeding 25.	<input type="checkbox"/>	<input type="checkbox"/>
3280.807(a)	Required clearance from water heater to combustibles as per its listing.	<input type="checkbox"/>	<input type="checkbox"/>
NEC 300-4			
3280.709(d) and WAC296-150M-0610(d)	Combustion air intake is from outside source. Vents in skirting per the WAC.	<input type="checkbox"/>	<input type="checkbox"/>

3280.710(a)(2)	Roof jack is proper, listed, and sealed.	<input type="checkbox"/>	<input type="checkbox"/>
3280.705(k)(3)	Gas shut off valve at appliance.	<input type="checkbox"/>	<input type="checkbox"/>
3280.807(a)	Low voltage thermostat wire through wall of furnace must be grommeted.	<input type="checkbox"/>	<input type="checkbox"/>
3280.715(b)(3) and Mfr's Specifications	Air return duct shall not be less than 2 sq. inches for each 1000 BTU input rating of appliance or as per listing	<input type="checkbox"/>	<input type="checkbox"/>
3280.707(e)	Location of thermostat and set level (3 feet from compartment door and not on an outside or compartment wall).	<input type="checkbox"/>	<input type="checkbox"/>

WATER HEATER COMPARTMENT

3280.2039B)(3) AND .203c(1)(iii) & (iv)	Walls adjacent to or enclosing a water heater and ceilings above them shall have an interior finish with a flame spread rating not exceeding 25. Sealants and other trim materials 2 inches or less in width used to finish adjacent surfaces (i.e. 3/8" or thicker sheetrock) within these spaces are exempt from this provision provided that all joints are completely supported by framing members or by material having a flame spread rating not exceeding 25.	<input type="checkbox"/>	<input type="checkbox"/>
3280.709(c)	Required clearance from water heater to combustion as per its listing.	<input type="checkbox"/>	<input type="checkbox"/>
3280.709(d) and WAC296-150M-0610(d)	Combustion air intake is from outside source. Vents in skirting per the WAC.	<input type="checkbox"/>	<input type="checkbox"/>
3280.710(a)(2)	Roof jack is proper, listed and sealed.	<input type="checkbox"/>	<input type="checkbox"/>
3280.705(k)(3)	Gas shut off valve at appliance.	<input type="checkbox"/>	<input type="checkbox"/>
3280.609 (c) and WAC 296-150M- 0610(h)	All water heaters shall have approved and listed fully automatic temperature and pressure relief valves drained to outside of skirting. Must use the same size pipe as opening in T&P valve.	<input type="checkbox"/>	<input type="checkbox"/>
3280.709(d)(2)	Compartment must be sealed from interior of home if unit is not sealed combustion type.	<input type="checkbox"/>	<input type="checkbox"/>

COOKING APPLIANCE

3280.230(b)(4) and .203(b)(5)	Flame spread limitation and fire protection requirements: Exposed interior finishes adjacent to the cooking range shall have a flame spread rating not exceeding 50, except that backsplashes not exceeding 6 inches in height are exempt (adjacent surfaces include the exposed vertical surfaces between the range top height and the overhead cabinets an/door ceiling. Refer also the 3280.204(a) - Kitchens Cabinet Protection). Sealants and other trim materials 2 inches or less in width used to finish adjacent surfaces are exempt from this provision,. provided that all joints are completely supported by a framing member.	<input type="checkbox"/>	<input type="checkbox"/>
3280.204	Kitchen Cabinet Protection The bottom and sides of combustible kitchen cabinets over cooking ranges to a horizontal distance of 6 inches from the outside edge of the cooking range shall be protected with at least 5/16 thick gypsum board or equivalent limited combustible material. One-inch nominal framing members and trim are exempt from this requirement. The cabinet area over the cooking rage or cooktops shall be protected by a metal hood (26-gauge sheet metal, or .017 stainless steel, or .024 aluminum, or .020 copper) with not less than a 3 inch eyebrow projecting horizontally from the front cabinet face. The 5/16-inch thick gypsum board or equivalent material, which is above the top of the hood, may be supported by the hood. A 3/8 inch enclosed air space shall be provided between the bottom surfaces of the cabinet and the gypsum board or equivalent material. The hood shall be at least as wide as the cooking range. The 3-inch metal eyebrow required by paragraph (a) of this section will project from the front and rear cabinet faces when there is no adjacent surface behind the range, or the 5/16 inch thick gypsum board or equivalent material shall be extended to cover all exposed rear surfaces of the cabinet.	<input type="checkbox"/>	<input type="checkbox"/>

GAS LINES

Separate checklists for gas lines are available, please ask for the one that applies to your type of piping

STRUCTURAL ALTERATION

An alteration of structural members requires a plan review by the department. Structural alterations include but are not limited to:

1. cutting or notching of roof trusses or rafters;
2. cutting or notching of floor joists or other floor members;
3. changes to wall(s) construction; and
4. any change to any part of the steel frame.

Before you do any structural alteration, contact your local L&I construction compliance inspector and discuss your proposed change. You may also call the plan review section at (360) 902-5218 to obtain this information.

NOTE:

1. Unless otherwise specified in the code, the manufacturers installation instructions must be followed.

2. Reference to the National Electrical Code (NEC)

Copies are available from your local bookstore.

3. Reference to 3280 is the federal standards for "Manufactured Home Construction and Safety Standards"

Copies are available as follows:

- a. Director, Manufactured Housing Standards Division
Department of Housing and Urban Development
451 Seventh St SW
Washington DC 20410
- b. www.hud.gov/fha/sfh/mhs/mhshome.html

4. The use of CSST by Gastite, TracPipe, and Pro-Flex is allowed if the installation is by a qualified installer and installation meets the requirements of the manufacture.