

1. 2017 Oregon Residential Specialty Code Insulation/Energy Requirements:

Basic Prescriptive Envelope Requirements

Wall-Above Grade	U0.06/R21	Slab Edge	F0.52/R15	Skylights	U.50
Wall-Below Grade	F0.063/R15	Heated Slab	R10	Exterior Doors	U.20
Flat Ceilings	U0.021/R49	Ducts	R8		
Vaulted Ceilings	U0.033*/R38	Windows	U.30		
Under Floors	U0.033/R30				

**TABLE N1101.1(2) 1,2,3
ADDITIONAL MEASURES**

Envelope Enhancement Measures (Select One)	1	High efficiency walls Exterior walls—U-0.045/R-21 cavity insulation + R-5 continuous
	2	Upgraded features Exterior walls—U-0.057/R-23 intermediate or R-21 advanced, Framed floors—U-0.026/R-38, and Windows—U-0.28 (average UA)
	3	Upgraded features Exterior walls—U-0.055/R-23 intermediate or R-21 advanced, Flat ceiling ^e —U-0.017/R-60, and Framed floors—U-0.026/R-38
	4	Super Insulated Windows and Attic OR Framed Floors Windows—U-0.22 (Triple Pane Low-e), and Flat ceiling ^e —U-0.017/R-60 or Framed floors—U-0.026/R-38
	5	Air sealing home and ducts Mandatory air sealing of all wall coverings at top plate and air sealing checklist ^f , and Mechanical whole-building ventilation system with rates meeting M1503 or ASHRAE 62.2, and All ducts and air handlers contained within building envelope ^d or All ducts sealed with mastic ^b
	6	High efficiency thermal envelope UA^g Proposed UA is 8% lower than the code UA

(Refer to footnotes 1, 2, 3 on reverse)

Choose one Envelope Enhancement Measure from Table N1101.1(2) above.

Conservation Measure (Select One)	A	High efficiency HVAC system^a Gas-fired furnace or boiler AFUE 94%, or Air source heat pump HSPF 9.5/15.0 SEER cooling, or Ground source heat pump COP 3.5 or Energy Star rated
	B	Ducted HVAC systems within conditioned space All ducts and air handlers contained within building envelope ^d <i>Cannot be combined with Measure 5</i>
	C	Ductless heat pump Ductless heat pump HSPF 10.0 in primary zone of dwelling
	D	High efficiency water heater^c Natural gas/propane water heater with UEF 0.85 OR Electric heat pump water heater Tier 1 Northern Climate Specification Product

For SI: 1 square foot = 0.093 m², 1 watt per square foot = 10.8 W/m².

- Appliances located within the building thermal envelope shall have sealed combustion air installed. Combustion air shall be ducted directly from the outdoors.
- All duct joints and seams sealed with listed mastic; tape is only allowed at appliance or equipment connections (for service and replacement). Meet sealing criteria of Performance Tested Comfort Systems program administered by the Bonneville Power Administration (BPA).
- Residential water heaters less than 55 gallon storage volume.
- A total of 5 percent of an HVAC system's ductwork shall be permitted to be located outside of the conditioned space. Ducts located outside the conditioned space shall have insulation installed as required in this code.
- The maximum vaulted ceiling surface area shall not be greater than 50 percent of the total heated space floor area unless vaulted area has a U-factor no greater than U-0.026.
- Continuous air barrier. Additional requirement for sealing of all interior vertical wall covering to top plate framing. Sealing with foam gasket, caulk or other approved sealant listed for sealing wall covering material to structural material (example: gypsum board to wood stud framing).
- Table N1104.1(1) Standard base case design, Code UA shall be at least 8 percent less than the Proposed UA. Buildings with fenestration less than 15 percent of the total vertical wall area may adjust the Code UA to have 15 percent of the wall area as fenestration.

(Refer to footnotes 1, 2, 3 on reverse)

Choose one Conservation Measure from Table N1101.1(2) above.

Address:

Permit No.:

1. See ORSC Table N1101.1(1) and Table N1101.1(2) along with the applicable footnotes for additional information.
2. See N1101.2 for Alteration and Repair, Historic Buildings, Change of occupancy or use in existing buildings:
3. Additions (N1101.3):
 - ___ Large (N1101.3.1) $\geq 30\%$ of the existing heated area or ≥ 400 sf => Comply with the requirements for new construction.
 - ___ Small (N1101.3.2) Less than 30% of existing heated area or less than 400 sf => Select one measure from Table N1101.1(2) in addition to or comply with Table N1101.3.

2. Moisture Content Acknowledgement:

To conform to the 2017 Oregon Residential Specialty Code (ORSC), Section R318.2 and OAR 918-480-0140, I am notifying the building official that I am aware of the moisture content requirement of ORSC Section R318.2. I will be taking the necessary steps to meet this code requirement. [Section R318.2 is provided for reference.]

Section R318.2: Moisture content. At the time of the installation of interior finishes, all moisture-sensitive wood framing members used in construction shall have a moisture content of not more than 19 percent of the weight of dry wood framing members. Prior to the issuance of a certificate of occupancy, the general contractor or the owner who was issued the structural permit shall notify the building official on a division approved form that the contractor or the owner who was issued the structural permit is aware of and has taken steps to meet this code requirement.

_____ (initials)

3. Contractor's Certification of High-Efficacy Interior Lighting Systems:

In accordance with ORSC Section N1107.2 and / or Table N1101.1(2) the owner, owner's authorized agent, or the general contractor must notify the Building Official in writing that one of the code requirements specified below have been met. This written certification process has been developed to facilitate code compliance as effectively and efficiently as possible.

ORSC N1107.2 High-Efficacy Interior Lighting Systems. All permanently installed lighting fixtures shall contain high-efficacy lamps. Screw-in compact fluorescent and LED lamps comply with this requirement.

Exception: Two permanently installed lighting fixtures are not required to have high-efficiency lamps.

_____ (initials)

Self-Certification

Project Address: _____

Permit No. _____

Print Name: _____ Phone No. _____

Address: _____ CCB No. _____

By my signature below, I certify that the code requirements for the energy requirements, moisture content, and high-efficacy interior lighting systems are in full compliance in conjunction with the project referenced herein.

Signed: _____ Date: _____

Owner General Contractor Authorized Agent

Deliver this completed form to Josephine County Building Safety or FAX to 541.474.5406