

1. 2011 Oregon Residential Specialty Code Insulation/Energy Requirements:

Basic Prescriptive Envelope Requirements

Wall-Above Grade	U0.06/R21	Slab Edge	F0.52/R15	Skylights	U.60
Wall-Below Grade	F0.565/R15	Heated Slab	R10	Exterior Doors	U.20
Flat Ceilings	U0.031/R38	Ducts	R8		
Vaulted Ceilings	U0.042/R38	Windows	U.35		
Under Floors	U0.028/R30				

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

Envelope Enhancement Measure (Select One)	1	High efficiency walls & windows: Exterior walls—U-0.047/R-19+5 (insulation sheathing)/SIPS, and one of the following options: Windows—Max 15 percent of conditioned area; or Windows—U-0.30
	2	High efficiency envelope: Exterior walls—U-0.058/R-21 Intermediate framing, and Vaulted ceilings—U-0.033/R-30A ^{d,e} , and Flat ceilings—U-0.025/R-49, and Framed floors—U-0.025/R-38, and Windows—U-0.30; and Doors—All doors U-0.20, or Additional 15 percent of permanently installed lighting fixtures as high-efficacy lamps or Conservation Measure D and E
	3	High efficiency ceiling, windows & duct sealing: (Cannot be used with Conservation Measure E) Vaulted ceilings—U-0.033/R-30A ^{d,e} , and Flat ceilings—U-0.025/R-49, and Windows—U-0.30, and Performance tested duct systems ^b
	4	High efficiency thermal envelope UA: Proposed UA is 15% lower than the Code UA when calculated in Table N1104.1(1)
	5	Building tightness testing, ventilation & duct sealing: A mechanical exhaust, supply, or combination system providing whole-building ventilation rates specified in Table N1101.1(3), or ASHRAE 62.2, and The dwelling shall be tested with a blower door and found to exhibit no more than: 1. 6.0 air changes per hour ^f , or 2. 5.0 air changes per hour ^f when used with Conservation Measure E, and Performance tested duct systems ^b
	6	Ducted HVAC systems within conditioned space: (Cannot be used with Conservation Measure B or C) All ducts and air handler are contained within building envelope ^d

(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: Gas-fired furnace or boiler with minimum AFUE of 90% a, or Air-source heat pump with minimum HSPF of 8.5 or Closed-loop ground source heat pump with minimum COP of 3.0
	B	Ducted HVAC systems within conditioned space: All ducts and air handler are contained within building envelope ^d
	C	Ductless heat pump: Replace electric resistance heating in at least the primary zone of dwelling with at least one ductless mini-split heat pump having a minimum HSPF of 8.5. Unit shall not have integrated backup resistance heat, and the unit (or units, if more than one is installed in the dwelling) shall be sized to have capacity to meet the entire dwelling design heat loss rate at outdoor design temperature condition. Conventional electric resistance heating may be provided for any secondary zones in the dwelling. A packaged terminal heat pump (PTHP) with comparable efficiency ratings may be used when no supplemental zonal heaters are installed in the building and integrated backup resistant heat is allowed in a PTHP
	D	High efficiency water heating & lighting: Natural gas/propane, on-demand water heating with min EF of 0.80, and A minimum 75 percent of permanently installed lighting fixtures as CFL or linear fluorescent or a min efficacy of 40 lumens per watt as specified in Section N1107.2 ^c
	E	Energy management device & duct sealing: Whole building energy management device that is capable of monitoring or controlling energy consumption, and Performance tested duct systems ^b , and A minimum 75 percent of permanently installed lighting fixtures as high-efficacy lamps
	F	Solar photovoltaic: Minimum 1 watt/sq ft conditioned floor space ^g
	G	Solar water heating: Minimum of 40 ft ² of gross collector area ^h

(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) $\geq 40\%$ of the existing heated area or ≥ 600 sf => Comply with the requirements for new construction.
 - ___ Small (N1101.3.2) Less than 40% of existing heated area or less than 600 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 2011 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. A minimum of fifty (50) percent of the permanently installed lighting fixtures shall be installed with compact or linear fluorescent, or a lighting source that has a minimum efficacy of 40 lumens per input watt. Screw-in compact fluorescent lamps comply with this requirement.

_____ (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