# CHAPTER 1
# ADMINISTRATION

## PART 1—SCOPE AND APPLICATION

### SECTION 101
### SCOPE AND GENERAL REQUIREMENTS

**101.1 Title.** This code shall be known as the *Oregon Energy Efficiency Specialty Code,* and may be cited as such. It is referred to herein as "this code."

**101.2 Scope.** This code applies to *residential* and *commercial buildings* designed and constructed under the *Building Code.*

**101.3 Intent.** This code shall regulate the design and construction of buildings for the effective use of energy. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve the effective use of energy. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

**101.4 Applicability.** Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general require-ment and a specific requirement, the specific requirement shall govern.

**101.4.1 Existing buildings.** Except as specified in this chapter, this code shall not be used to require the removal, *alteration* or abandonment of, nor prevent the continued use and maintenance of, an existing building or building system lawfully in existence at the time of adoption of this code.

**101.4.2 Additions, alterations, renovations or repairs.** Additions, alterations, renovations or repairs to an existing building, building system or portion thereof shall conform to the provisions of this code as they relate to new construction without requiring the unaltered portion(s) of the existing building or building system to comply. Additions, alterations, renovations or repairs shall not create an unsafe or hazardous condition or overload existing building systems. An addition shall be deemed to comply with this code if the addition alone complies or if the existing building and addition comply with this code as a single building.

**Exception:** The following need not comply provided the energy use of the building is not increased:

1. Storm windows installed over existing fenestration.
2. When 25 percent or less of the glazing in any one wall is being replaced, it may be replaced with glazing that has a *U*-factor and SHGC equal to or better than the existing glazing.
3. Glass only replacements in an existing sash and frame.
4. Existing ceiling, wall or floor cavities exposed during construction provided that these cavities are filled with insulation.
5. Construction where the existing roof, wall or floor cavity is not exposed.
6. Reroofing for roofs where neither the sheathing nor the insulation is exposed. Roofs without insulation in the cavity and where the sheathing or insulation is exposed during reroofing shall be insulated either above or below the sheathing.
7. Replacement of existing doors that separate *conditioned space* from the exterior shall not require the installation of a vestibule or revolving door, provided, however, that an existing vestibule that separates a *conditioned space* from the exterior shall not be removed.
8. Alterations that replace less than 10 percent of the luminaires or 10 fixtures in a space, provided that such alterations do not increase the installed interior lighting power.
9. Alterations that replace only the bulb and ballast within up to 50 percent of the existing luminaires in a space provided that the alteration does not increase the installed interior lighting power. Alterations do not include routine maintenance and repair.

**101.4.3 Change in space conditioning.** Increasing the heating and/or cooling capacity of a nonconditioned space shall require the thermal envelope to be brought into compliance with the applicable requirements of this code. Nonconditioned spaces include semiconditioned and low energy spaces.

**101.4.4 Historic buildings.** See Section 3409 of the *Building Code*.

**101.5 Compliance.** *Residential buildings* shall meet the provisions of Chapter 4. *Commercial buildings* shall meet the provisions of Chapter 5.

**101.5.1 Low energy buildings.** The following buildings, or portions thereof, separated from the remainder of the building by *building thermal envelope* assemblies complying with this code shall be exempt from the *building thermal envelope* provisions of this code:

1. Those with a peak design rate of heating and cooling energy output less than 3.42 Btu/h · ft$^2$ (10.7 W/m$^2$) or 1.0 watt/ft$^2$ (10.7 W/m$^2$) of floor area for space conditioning purposes.
2. Those that do not contain *conditioned space.*

**101.5.2 Semiconditioned buildings for freeze protection heating.** Buildings, or portions thereof, that are only heated for freeze protection shall comply with the prescriptive building thermal envelope assemblies listed in Table 502.1.1 with the following exception: walls between the semiconditioned space and either the exterior or *condi-*

*tioned spaces* are not required to provide the continuous insulation listed in the table; only the cavity insulation *R*-value minimums are required. Heating systems in freeze protected spaces shall be controlled by single setpoint, nonadjustable thermostat(s) that control to no greater than 45ºF (7ºC). Total heating output capacity shall not exceed the following allowances:

1. Climate Zone 4C: 10 Btu/hr-ft$^2$ (32 W/m$^2$) or 3 Watts/ft$^2$.
2. Climate Zone 5B: 15 Btu/hr-ft$^2$ (47 W/m$^2$) or 4.5 Watts/ft$^2$.

**101.5.3 Small structures.** The thermal envelope for the building types listed in this section shall have the roof insulated to the minimum prescriptive value listed in Table 502.1.1. All other opaque envelope provisions of Section 502 are exempt.

1. Unoccupied buildings less than 500 square feet (46.5 m$^2$), such as equipment shelters, pump houses and communication sheds.
2. Occupied free-standing shelter structures, such as guard shacks, less than 150 square feet ( 13.9 m$^2$).

**101.5.4 Agricultural structures.** Greenhouses and exempt agricultural buildings in accordance with the *Building Code* are exempt from this code.

## SECTION 102
## ALTERNATE MATERIALS—METHOD OF CONSTRUCTION, DESIGN OR INSULATING SYSTEMS

**102.1 General.** This code is not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been *approved* by the *code official* as meeting the intent of this code.

## PART 2—ADMINISTRATION AND ENFORCEMENT

This code is administered and enforced under the provisions and authority granted in Chapter 1 of the *Building Code.*

## SECTION 103
## CONSTRUCTION DOCUMENTS

**103.1 Information on the construction documents.** Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed, and show in sufficient detail pertinent data and features of the building, systems and equipment as herein governed. Details shall include but are not limited to, as applicable, insulation materials and their *R*-values; fenestration *U*-factors and SHGCs; system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; economizer description; equipment and system controls; fan motor horsepower (hp) and controls; duct sealing, duct and pipe insulation and location; lighting fixture schedule with wattage and control narrative; air sealing details; COMcheck compliance report for the State of Oregon, or appropriate Division approved form.

**Exception:** The code official is authorized to waive the requirements for construction documents, COMcheck reports, or other supporting data if the code official determines these are not necessary to confirm compliance with this code.

## SECTION 104
## INSPECTIONS
## Reserved

## SECTION 105
## VALIDITY
## Reserved

## SECTION 106
## REFERENCED STANDARDS
## Reserved

## SECTION 107
## FEES
## Reserved

## SECTION 108
## STOP WORK ORDER
## Reserved

## SECTION 109
## BOARD OF APPEALS
## Reserved