

Alternative Compliance Approaches:

International Energy Conservation Code 2009

The following are alternative approaches that Labor & Industry customers may use to demonstrate compliance with the *International Energy Conservation Code 2009*.

1. Software reports for the **Total Building Performance Method** may be used as long as:

- The following mandatory sections of the *International Energy Conservation Code 2009* are satisfied:

502.4	Air Leakage
503.2	Provisions Applicable to Mechanical Systems
504	Service Water Heating
505	Electric Power and Lighting Systems

- The annual energy costs projected by building performance model do not exceed those of the standard design outlined in section 506.3 of the *International Energy Conservation Code 2009*.

and,

- The applicant submits a statement that the software utilized satisfies the requirements of the ANSI/ASHRAE 140-2007 *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs* (this will have to be approved by L&I's Building Code Official).

2. Software reports for the **Energy Cost Budget Method** may be used to demonstrate compliance with the *International Energy Conservation Code 2009* as long as:

- The following mandatory sections of the *ASHRAE 90.1 2007* are satisfied:

5.4	Mandatory Provisions concerning the Building
6.4	Envelope
7.4	Mandatory Provisions concerning HVAC
8.4	Mandatory Provisions concerning Service Hot Water
9.4	Mandatory Provisions concerning Electrical Power
10.4	Mandatory Provisions concerning Lighting
	Mandatory Provisions concerning Other Equipment

- The design energy cost does not exceed the energy cost budget as defined in sections 11.2 and 11.3 of the *ASHRAE 90.1 2007*.

- The efficiency level of the components specified in the building design meet or exceed the efficiency level of the components used to calculate the design energy cost.

and,

- The applicant submits a statement indicating that the software utilized satisfies the requirements of the ANSI/ASHRAE 140-2004 *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs* (this will have to be approved by L&I's Building Code Official).