

Alternative Compliance Approaches:

International Energy Conservation Code 2006

The following are alternative approaches that Labor & Industry customers may use to demonstrate compliance with the *International Energy Conservation Code 2006*.

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 2006* are satisfied:

502.4	Air Leakage
502.5	Moisture Control
503.2	Provisions Applicable to Mechanical Systems
504	Service Water Heating
505.2	Lighting Controls
505.3	Tandem Wiring
505.4	Exit Signs
505.6	Exterior Lighting
505.7	Electrical Energy Consumption

- The annual energy costs projected by building performance model do not exceed those of the standard design outlined in section 506.4 of the *International Energy Conservation Code 2006*
- and,**
- The applicant submits a statement that the software utilized satisfies the requirements of the ANSI/ASHRAE 140-2001 *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs*.

2. Software reports for the **Energy Cost Budget Method** may be used to demonstrate compliance with the *International Energy Conservation Code 2006* as long as:

- The following mandatory sections of the *ASHRAE 90.1 2004* are satisfied:

5.4	Mandatory Provisions concerning the Building Envelope
6.4	Mandatory Provisions concerning HVAC
7.4	Mandatory Provisions concerning Service Hot Water
8.4	Mandatory Provisions concerning Electrical Power
9.4	Mandatory Provisions concerning Lighting
10.4	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 2004*.
- 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 140-2001 *Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs*.