

# PIKES PEAK REGIONAL BUILDING DEPARTMENT

## International Energy Conservation Code Certificate

### Commercial Buildings

This certificate is based on the 2003 IECC, as amended by the 2005 Pikes Peak Regional Building Code. Include this form with your construction plans submittal for review. This form applies to all Commercial Buildings as defined by the IECC as well as detached nonresidential structures accessory to single family dwellings.

**ADDRESS** \_\_\_\_\_

#### DECLARATION OF ENERGY CODE METHOD\*

The IECC provides three options for compliance. Check the box to indicate your selection below.

- 1. Chapter 7 - Engineered Method. (Available only to architects or engineers licensed by the state of Colorado.)
- 2. Chapter 8 - Prescriptive Method (IECC Chapter 8, use Table 802.2(30).)
- 3. COMcheck (Dept. of Energy program. A link is available under "Related Websites" at [www.pprbd.org](http://www.pprbd.org).)

*\* If Chapter 7 or COMcheck is selected, do not complete the Insulation Data portion of this form. Provide the data and calculations with the plans submittal to substantiate compliance with the declared method.*

#### INSULATION DATA

Values to complete this form may be found in Table 802.2(30) of the 2003 IECC. State "NA" for assemblies that do not apply. If using Prescriptive Method (2.) state the appropriate values for the project area; it may be the entire building or portion of it.

**PERCENTAGE OF GLAZING TO GROSS EXTERIOR WALL** \_\_\_\_\_ % (maximum 50 percent)

\_\_\_\_\_ Area of exterior glazing (sq ft)  
\_\_\_\_\_ Area of exterior walls (sq ft)  
\_\_\_\_\_ U-factor of skylights (maximum 3% of roof area)  
\_\_\_\_\_ R-value of slab or below grade insulation  
\_\_\_\_\_ U-factor of windows and glass doors

#### TYPE OF ROOF ASSEMBLY

Wood  Concrete  Metal  Metal purlin  
 With thermal block  Without thermal block  
\_\_\_\_\_ R value of roof insulation (cavity)\*  
\_\_\_\_\_ R value of roof insulation (continuous)\*

#### TYPE OF FLOOR ASSEMBLY (over unconditioned space)

Wood  Metal  Concrete  
\_\_\_\_\_ R value of floor insulation (cavity)\*  
\_\_\_\_\_ R value of floor insulation (continuous)\*

#### TYPE OF EXTERIOR WALL ASSEMBLY

Framed construction of  Wood  Metal  
 CMU construction with  No frame  Wood  Metal  
 Other masonry with  No frame  Wood  Metal  
\_\_\_\_\_ R value of wall insulation (cavity)\*  
\_\_\_\_\_ R value of wall insulation (continuous)\*

*\* Choose either cavity insulation (between framing), continuous insulation, or a combination. It is not required to install both.*

#### CERTIFICATION

I certify the data stated on this form and attached calculations (if applicable) are correct to the best of my knowledge for the address listed above.

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Print full name*

\_\_\_\_\_  
*Phone number*

\_\_\_\_\_  
*Name of company*