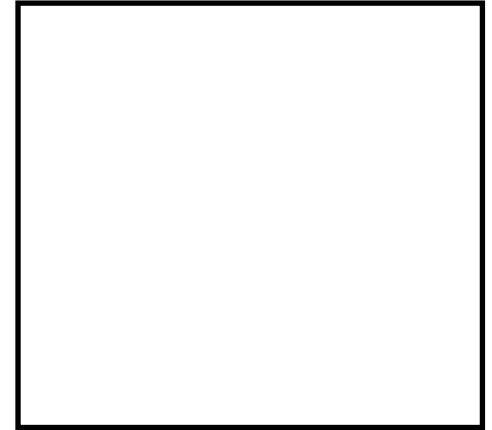


# Pikes Peak REGIONAL Building Department

## 2024 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) COMMERCIAL INSULATION CERTIFICATE

This certificate is based on the 2024 International Energy Conservation Code (IECC). This certificate is applicable to all buildings that are not considered Residential Buildings per the 2024 IECC. **This certificate is NOT applicable to One- and Two- family Dwellings as well as Townhouses, R2, R-3 and R-4 buildings three stories or less in height (use *Residential Insulation Certificate*).** *This certificate is required to be submitted as part of the plan review package.*



**THIS DOCUMENT IS REQUIRED TO BE STAMPED BY THE  
DESIGN PROFESSIONAL OF RECORD**

COLORADO LICENSED DESIGN  
PROFESSIONAL STAMP

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

### **METHOD OF ENERGY CODE COMPLIANCE:**

*The IECC provides various options for compliance with minimum standards. Check the box to indicate the method of compliance and proceed page 2 to summarize the thermal envelope component values. If additional documentation is required, it must accompany this form.*

ASHRAE 90.1<sup>1,3</sup> (C401.2.2)

Insulation Component R-value Method  
(C402.1.3)

Assembly U-, C-, or F-factor Method  
(C402.1.2)

Component Performance Method<sup>1</sup>  
(C402.1.5)

COMCheck<sup>1</sup> (C402.1.5 or C401.2.2)

Simulated Building Performance<sup>2,3</sup> (C407)

<sup>1</sup>*Please attach documentation and calculations to substantiate compliance.*

<sup>2</sup>*Please attach summary of compliance. Complete third party documentation of compliance must be submitted at time of final inspection*

<sup>3</sup>*Available only to design professionals licensed in the State of Colorado or by qualified persons as approved by the Building Official*

Values on this page must match any required documentation provided based on the method of compliance chosen.

**FENESTRATION**

\_\_\_\_\_ U-Factor of Skylights  
(Maximum of 3% of roof area)

\_\_\_\_\_ U-Factor of fixed fenestrations  
(maximum of 30% of gross above grade wall area)

\_\_\_\_\_ U-Factor of operable fenestrations  
(maximum of 30% of gross above grade wall area)

\_\_\_\_\_ U-Factor of entrance doors  
(maximum of 30% of gross above grade wall area)

\_\_\_\_\_ U-Factor of opaque doors  
(less than 50% glazing)

\_\_\_\_\_ U-Factor of nonswinging opaque doors

**ROOF ASSEMBLY**

R-value of insulation above deck

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of attic or other assembly

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of metal building

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

**FLOOR ASSEMBLY**

R-value of mass floors

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of joist/framed floors

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

\_\_\_\_\_ R-value of unheated slab

\_\_\_\_\_ R-value of heated slab

**WALL ASSEMBLY**

R-value of mass wall

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of metal building walls

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of metal framed walls

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of wood framed/other walls

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

R-value of below grade walls

\_\_\_\_\_ cavity\* \_\_\_\_\_ continuous\*

\* “cavity” insulation is installed between framing members and “continuous” or “linear system” is installed over structure. Can be a combination of both.

### **ADDITIONAL ENERGY EFFICIENCY OPTIONS**

Provide full breakdown of code path for compliance with IECC C406. Include all applicable tables, values, credit reductions, surplus credits, core/shell vs build-out provisions, renewable and load management credits, thermal envelope, equipment performance, service water heating, lighting systems, and all other applicable efficiency provisions: