



Department of Development Services  
Building Safety

City of Denton Texas 2015 IECC Commercial Energy  
Compliance Certificate Path  
(for new construction, additions, and first finish outs)

**PROVIDE THIS FORM AT PERMIT SUBMITTAL**

**Permit Address:** \_\_\_\_\_ **Permit #:** \_\_\_\_\_  
**Testing Company:** \_\_\_\_\_  
**Testing Company:** \_\_\_\_\_

Selected Compliance Path (select one of the following):

**Option 1A – ASHRAE 90.1 (2013) Prescriptive:** Section 10 (May use COMcheck to demonstrate compliance.)

- |                                   |                              |
|-----------------------------------|------------------------------|
| Section 5 – Building Envelope     | Section 8 – Power            |
| Section 6 – HVAC                  | Section 9 – Lighting         |
| Section 7 – Service Water Heating | Section 10 – Other Equipment |

**Option 1B – ASHRAE 90.1 (2013) Section 11 Energy Cost Budget Method:** Section 5.4, 6.4, 7.4, 8.4, 9.4, and 10.4; design energy cost (Sec. 11.5) ≤ energy cost budget (Sec. 11.4); and energy efficiency level of components specified meet or exceed energy efficiency levels used to calculate energy costs.

**Option 2 – IECC Prescriptive** (May use COMcheck to demonstrate compliance.)

- |                                                                |                                                |
|----------------------------------------------------------------|------------------------------------------------|
| C402 – Building Envelope Requirements                          | C404 – Service Water Heating (Mandatory)       |
| C403 – Building Mechanical Systems                             | C405 – Electrical Power and Lighting Systems   |
| C406 – Additional efficiency package options (must choose one) |                                                |
| C406.2 – More efficient HVAC Performance                       | C406.5 – On-site supply of renewable energy    |
| C406.3 – Reduced lighting power density                        | C406.6 – Provisions of a dedicated OA system   |
| C406.4 – Enhanced lighting controls                            | C406.7 – High-efficiency service water heating |

**Option 3 – Total Building Performance:** building energy cost < 85% of standard reference design.

- |                                                                      |                                                                  |
|----------------------------------------------------------------------|------------------------------------------------------------------|
| C402.5 – Air Leakage – thermal envelope (Mandatory)                  | C405.3 – Exit Signs (Mandatory)                                  |
| C403.2 – Provisions applicable to all Mechanical Systems (Mandatory) | C405.4 – Interior Lighting and Power Requirements (Prescriptive) |
| C404 – Service Water Heating (Mandatory)                             | C405.6 – Electrical Energy Consumption (Mandatory)               |
| C405.2 – Lighting Controls (Mandatory)                               | C407 – Total Building Performance                                |

NOTE: Mechanical cooling systems over 480,000 Btuh and service water-heating/space-heating systems over 600,000 Btuh (combined capacity); and, controls for automatic lighting systems require certain information on construction documents and system commissioning and reports in accordance with section C408

I certify that I have reviewed the construction documents including, but not necessarily limited to, insulation materials and R-values; fenestration U-factors and SHGC values; area-weighted average U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; equipment and systems controls; duct sealing, duct and piping insulation and location; and air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above.

**Print Name:** \_\_\_\_\_ **Certification Number:** \_\_\_\_\_

**Energy Rater/Preparer Company:** \_\_\_\_\_

**Signature of Energy Rater/Preparer:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**ATTACH THE APPLICABLE COMPLIANCE REPORT**