



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.)

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|-----------------------------------|------------------------------|
| 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.)

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|----------------------------------------------------------------|------------------------------------------------|
| 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.

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|----------------------------------------------------------------------|------------------------------------------------------------------|
| 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