

City of Dallas - Commercial Energy Compliance Path - 2015 (IECC)
Submit with application for a building permit
For New Construction, Additions and 1st Time Finish Outs Submitted



Project Address: _____

Commercial Buildings Compliance Path (one of the following):

Option #1a - ASHRAE 90.1 (2013) Prescriptive: Section 5 through Section 10 (*May use COMcheck™ to demonstrate compliance*)

Section 5 – Building Envelope

Section 6 – HVAC

Section 7 – Service Water Heating

Section 8 – Power

Section 9 – Lighting

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 (Section 11.5) \leq energy cost budget (Section 11.4); and energy efficiency level of components specified meet or exceed energy efficiency levels used to calculate energy costs

Option #2 - IECC Prescriptive: C402 through C405, plus C406 or C406.1.1 (*May use COMcheck™ to demonstrate compliance*)

C402 – Building Envelope Requirements

C403 – Building Mechanical Systems

C404 – Service Water Heating (Mandatory)

C405 – Electrical Power and Lighting Systems

C406 – Additional efficiency package options (*must choose one*):

C406.2 - More efficient HVAC performance

C406.3 - Reduced lighting power density

C406.4 - Enhance lighting controls

C406.5 - On-site supply of renewable energy

C406.6 - Provisions of a dedicated OA system per

C406.7 - High-efficiency service water heating

C406.1.1 – Tenant Spaces:

First time IFO must choose one in C406 except for Renewable energy; or,

If entire building is compliant then must comply with C406.5

Option #3 – Total Building Performance: C402.5, C403.2, C404, C405.2, C405.3, C405.4, C405.6 and C407; building energy cost $<$ 85% of standard reference design.

C402.5 – Air Leakage-thermal envelope (Mandatory)

C403.2 – Provisions applicable to all mechanical systems (Mandatory)

C404 – Service Water Heating (Mandatory)

C405.2 – Lighting Controls (Mandatory)

C405.3 – Exit signs (Mandatory)

C405.4 – Interior lighting and power requirements (Prescriptive)

C405.6 – Electrical energy consumption (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; economizer description; equipment and system controls; fan motor HP and controls; duct sealing, duct and piping insulation and location; lighting fixture schedule with wattage and control narrative; location of daylight zones on floor plans; and air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above.

COD 3rd Party Provider: _____ **COD Registration #:** _____

Signature of Responsible Party: _____ **Date:** _____

Printed Name and Title of Responsible Party: _____