



100 N. Mockingbird Lane * Keene, Texas * 76059 * 817-641-3336 * Facsimile 817-556-2060

New Energy Requirements

In June 2010, the Texas State Energy Conservation Office (SECO) officially adopted updates to both the commercial and residential energy codes in Texas. The new code for single-family homes is based on 2009 IRC, Chapter 11 (effective January 1, 2012) and the new code for other residential, commercial, and industrial buildings is based on 2009 IECC (effective March 1, 2011).

CITY CODES ADOPTED:

2009 International Building Code	2009 International Residential Code
2009 International Energy Conservation Code	2009 International Plumbing Code
2009 International Mechanical Code	2009 International Fire Code
2009 International Fuel and Gas Code	2011 National Electric Code

CONTRACTOR REGISTRATION: Each Third Party Energy Contractor will be required to register with the city prior to processing of building permit application to assure proper trained to accurately record and interpret the necessary data for compliance with the code. There will/will not be a registration fee of \$_____ for each Energy Contractor. Energy contractors must have one of the following credentials:

ICC Certifications	HERS Certification
BPI Certification	Proof of Experience Performing Diagnostic Testing

SUBMITTAL REQUIREMENTS: Building plans and energy report must be submitted for plan review containing the following information:

1. Building Plans Review (Architectural Floor Plan; Sections; Details; Window and Door Schedules)
2. Mechanical Design (Sizing calculation per Section 403.6 and minimum temperatures used for design meets Section 302.1)
3. Energy Compliance Report
Energy Gauge; IC3; REM/Rate; or
Alternative Compliance Programs
ENERGY STAR (Projected to meet ENERGY STAR Guidelines)
LEED for Homes (Checklist and Registration Forms Completed)
Green Built Texas (Proof of Registration)
4. Third Party Inspection Company Name (if not using City for these services)
5. Third Party Inspection Company's Registration ID Number

REQUIRED INSPECTIONS: There will be 2 inspections, one at pre-drywall and one at final. The third party inspector must leave verification of compliance on site for city inspector. Building finals will not be approved unless all required documentation is received.

Pre-drywall inspection to include:

Insulation R-Value Installed
Quality of Insulation Installation
Window Values
Proper Sealing of Envelope
Thermal Bypass Enclosure installed in appropriate locations
Inspection of Duct System Connections for proper sealing techniques

Final Inspection to include:

Attic Insulation Installed R-Value and Quality
Space Heating and Cooling Equipment Efficiencies
Water Heating Equipment Efficiency
Weather Stripping of all Doors (and Attic Access located within Conditioned Space)
Duct Leakage Testing
Blower Door Testing