

# RESIDENTIAL ENERGY CODE IMPLEMENTATION



Permits must fully comply with the energy conservation provisions of the International Residential Code as mandated by Texas Senate Bill 365 passed in the 77<sup>th</sup> Legislative Session.

Compliance must be demonstrated at two (2) different stages of the project:

## I. PERMIT APPLICATION/PLAN REVIEW

- a. Compliance must be demonstrated by submitting documentation at the time of permit application and must include the following:
  - i. City of Allen Residential Energy Compliance Form. A copy of this form is attached and is also available online in the Building Code and Compliance section of our website ([www.cityofallen.org](http://www.cityofallen.org)).
  - ii. If methods other than the North Central Texas Council of Governments Simplified Prescriptive approach are used, the appropriate report (such as REScheck or IC3) must be submitted with the compliance form.
  - iii. Additional energy conservation information is required on the building plans.

## II. FIELD INSPECTION

- a. Field inspections must be conducted by inspectors certified in energy code provisions as specified in the appropriate state law.

**At this time, the City of Allen inspectors will not perform energy inspections. Energy inspections must be conducted by certified 3<sup>rd</sup> party inspectors.**

- b. All energy inspection reports completed by certified 3<sup>rd</sup> party inspectors will be picked up by City inspectors at the City's final building inspection. **It is the builder's responsibility to obtain the appropriate energy inspections before required elements are covered up.** The energy inspection reports must be placed in the packet on-site and must include the certification number of the 3<sup>rd</sup> party inspector. The form and content of all 3<sup>rd</sup> party inspection reports are subject to review and final acceptance by the City of Allen.



Project Address: \_\_\_\_\_ Permit Number: \_\_\_\_\_

DUCT LEAKAGE TESTING VERIFICATION

[ ] Rough-In Test Option (R403.3.3) [ ] Post Construction Option (R403.3.3)

System #1 - \_\_\_\_\_ CFM25 System #2 - \_\_\_\_\_ CFM25 System #3 - \_\_\_\_\_ CFM25

System #4 - \_\_\_\_\_ CFM25 System #5 - \_\_\_\_\_ CFM25 System #6 - \_\_\_\_\_ CFM25

I certify that I have conducted a duct leakage test and it has passed the requirements of the 2015 International Energy Conservation Code. I further certify that I am certified to perform duct leakage testing certified by national or state organizations as approved by the building official. I certify I am an independent third-party entity, and have not installed the HVAC system; nor am I employed or have any financial interest in the company that constructs the structure.

Agency and Certification Number: \_\_\_\_\_

Signature of Responsible Party: \_\_\_\_\_

Printed Name and Title of Responsible Party: \_\_\_\_\_

BUILDING THERMAL ENVELOPE LEAKAGE TESTING VERIFICATION

Building Thermal Envelope Leakage Testing (R402.4.1.2): \_\_\_\_\_ ACH50

I certify that I have conducted an air leakage test and it has passed the requirements of the 2015 International Energy Conservation Code. I further certify that I am certified to perform air infiltration testing certified by national or state organizations as approved by the building official. I certify I am an independent third-party entity, nor am I employed or have any financial interest in the company that constructs the structure.

Agency and Certification Number: \_\_\_\_\_

Signature of Responsible Party: \_\_\_\_\_

Printed Name and Title of Responsible Party: \_\_\_\_\_

COMPLIANCE STATEMENT

We have concluded all inspections, testing and plan reviews of the above project and hereby declare it in compliance with the residential provisions of the 2015 IECC, as amended, for the selected compliance approach.

- [ ] Option 1(a) Prescriptive: Sections N1101.14 (R401) through N1104 (R404)
[ ] Option 1(b) Prescriptive: REScheck™ UA Approach Only: Sections N1101.14 (R401)-N1104 (R404) (attach report)
[ ] Option 2 Performance: Section N1105 (R405) Performance Approach (attach report)
[ ] Option 3 ENERGY STAR Certified Homes® (attach certificate)
[ ] Option 4 Energy Rating Index Compliance Alternative (ERI): Section N1106 (R406) ERI: \_\_\_\_\_
[ ] Option #5 ESL 4ACH50 Tradeoff Code Equivalency Compliance

Agency and Certification Number: \_\_\_\_\_

Agency Contact Information: \_\_\_\_\_

Signature of Responsible Party: \_\_\_\_\_

Printed Name and Title of Responsible Party: \_\_\_\_\_