

2015 International Energy Conservation Code

Compliance Checklist

Climate Zone 4

Building ID: _____ Date: _____ Name of Evaluator: _____

Building Contact: Name: _____ Phone: _____ Email: _____

Building Name: _____ Address: _____

Subdivision: _____ Lot #: _____

State: _____ County: _____ Jurisdiction: _____

Compliance Approach (Check all that apply):

- ☐ Prescriptive Path ☐ Simulated Performance Alternative ☐ Energy Rating Index (R406)
- ☐ Prescriptive R-Value (Table R402.1.2) ☐ (R405)
- ☐ Prescriptive U-Factor Alternative (Table R402.1.4)
- ☐ Total UA Alternative (R402.1.5)

Building Type:

- 1 and 2 Family Dwellings ☐ Single Family Detached ☐ Modular ☐ Townhouse
- Multifamily ☐ Apartment ☐ Condominium

Foundation Type:

- ☐ Basement ☐ Slab-on-Grade ☐ Conditioned Crawl ☐ Floor over Unconditioned Space

Project Type:

- ☐ New Building ☐ Addition ☐ Alteration ☐ Repair

Note: In Checklist N/O = Not Observable; N/A = Not Applicable | Shaded cells mark **Mandatory** requirements

Pre-Inspection Plan Review and Documentation

2015 IECC Section #	Pre-Inspection Plan Review and Documentation	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R103.1; R103.2	Construction drawings and documentation available and demonstrate energy code compliance.				☐ Yes ☐ No ☐ N/O ☐ N/A	
R302.1; R403.7 Mandatory	Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J or other methods approved by the code official		Heating Btu/hr: _____ Cooling Btu/hr: _____	Heating Btu/hr: _____ Cooling Btu/hr: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	

Foundation Inspection

2015 IECC Section #	Foundation Inspection	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R303.2	All insulation installed per manufacturer's instructions			If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; Table R402.1.2	Slab edge insulation R-Value	Unheated: R-10 Heating: R-15	R: _____ ☐ Unheated ☐ Heated	R: _____ ☐ Unheated ☐ Heated	☐ Yes ☐ No ☐ N/O ☐ N/A	
R303.2.1	Exposed foundation insulation protection	Rigid, opaque, weather-resistant, protective covering extends not less than 6" below grade; covers any exposed exterior foundation insulation		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.10	Slab edge insulation extends to the top of the slab edge				☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.10; Table R402.1.2	Slab edge insulation depth/length	2 ft (3 ft for heated slab)	Ft: _____	Ft: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; Table R402.1.2; Table R402.1.4	Conditioned basement wall insulation R-value	Cavity: R-13 Continuous: R-10 OR U-0.059	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.9	Conditioned basement wall insulation depth below grade; extends to the top of basement wall	From top of basement wall to 10 feet below grade or to the basement floor, whichever is less	Ft: _____ OR ☐ To Floor	Ft: _____ OR To Floor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; Table R402.1.2; Table R402.1.4	Unvented crawl space wall insulation R-Value	Cavity: R-13 Continuous: R-10 OR U-0.065	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.11	Unvented crawl space wall insulation	• Permanently fastened to the wall • Extends downward from floor to grade • Extends additional 24" horizontally and/or vertically		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	

R402.2.11	Unvented crawl space vapor Retarder	• Class 1 vapor retarder covers exposed earth • Joints overlap 6", sealed/taped • Extends at least 6" up stem wall and is attached		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
-----------	-------------------------------------	--	--	---	---	--

Framing/Rough-in Inspection

2015 IECC Section #	Framing/Rough-in Inspection	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
Table R402.1.2; R402.3.4	Door U-Factor	U-0.35	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
Table R402.1.2; R402.3.1; R402.3.3	Glazing U-Factor individual OR Area weighted average	U-0.35	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
Table R402.1.2; R402.3.2; R402.3.3	Glazing SHGC individual OR Area weighted average	SHGC-0.40	SHGC: _____	SHGC: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R303.1.3; Table R303.1.3(1); Table R303.1.3(2)	U-factors of fenestration products are determined in accordance with the NFRC test procedure and labeled or taken from the default table			☐ Labeled ☐ Default U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R303.1.3; Table R303.1.3(3)	SHGC values are determined in accordance with the NFRC test procedure and labeled or taken from the default table			☐ Labeled ☐ Default SHGC: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
Table R402.1.2; R402.3.3	Skylight U-Factor	U-0.55	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
Table R402.1.2; R402.3.2; R402.3.3	Skylight SGHC	SHGC-0.40	SHGC: _____	SHGC: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.3.5	Thermally isolated sunroom fenestration U-Factor	U-0.45	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.3.5	Thermally isolated sunroom skylight U-Factor	U-0.70	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.3 Mandatory	Fenestration air leakage tested and labeled Exception: site-built windows	Labeled Leakage ≤ 0.3 cfm per square ft	Labeled Leakage: _____	Labeled Leakage: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; Table R402.1.2; Table R402.1.4	Mass wall exterior insulation R- value. If more than 1/2 of the insulation is on the wall interior, the interior insulation requirement applies and verification may occur during Insulation Inspection	Exterior R-8 Interior R-13 OR U: 0.098	Exterior R-Value: _____ Interior R-Value: _____ OR U: _____	Exterior R-Value: _____ Interior R-Value: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.5 Mandatory	Recessed lighting sealed between housing and interior finish and labeled for air leakage;	Labeled Leakage ≤ 2 CFM75	Labeled Leakage: _____	Sealed ☐ Yes ☐ No Labeled Leakage: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; Table R402.4.1.1 Mandatory	Recessed Lighting	Sealed to drywall; Air tight and IC rated		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	

R403.1.1	Duct insulation for sections of duct in unconditioned space	<u>Unconditioned Attic</u> Ducts $\geq 3"$: R-8 Ducts $< 3"$: R-6 <u>Other Unconditioned Spaces</u> Ducts $\geq 3"$: R-6 Ducts $< 3"$: R-4.2	Location: _____ R-Value: _____ Location: _____ R-Value: _____	Location: _____ R-Value: _____ Location: _____ R-Value: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.3.2 Mandatory	All joints and seams of ducts, air handlers, and filter boxes are sealed.			If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.3.2.1	Sealed air handler	Designated for leakage of no more than 2% of design air flow rate per ASHRAE 193			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.3.5 Mandatory	Building cavities are not used as ducts or plenums (supply/return)				☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; Table R402.4.1.1 Mandatory	HVAC register boots that penetrate the thermal envelope	Sealed to Subfloor or Drywall		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; Table R402.4.1.1 Mandatory	Duct shafts, utility penetrations and flue shafts	Shafts/penetrations opening to unconditioned space are sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.4 Mandatory	Mechanical pipe insulation for pipes capable of carrying fluids $>105^{\circ}\text{F}$ or $<55^{\circ}\text{F}$	R-3	R: _____	R: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.4.1 Mandatory	Mechanical Pipe Insulation Protected			If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.5.3	Hot water pipes: • Pipes $\geq \frac{3}{4}"$ • Serving more than one dwelling unit • Unconditioned space • From water heater to manifold • Under a floor slab • Buried in piping	R-3	R: _____	R: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.6 Mandatory	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts				☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.6 Mandatory	Whole-house Mechanical Ventilation	Installed in accordance with the IRC or IMC as applicable			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.6; Table R403.6.1 Mandatory	Whole-house Mechanical Ventilation Fan Efficacy OR ECM exception (R403.6.1)	Range Hood: <u>2.8 cfm/watt</u> In-line fan: <u>2.8 cfm/watt</u> Bath/utility room $10 \leq \text{cfm} < 90$: <u>1.4 cfm/watt</u> Bath/utility room $90 < \text{cfm}$: <u>2.8 cfm/watt</u>	Fan Location: _____ Fan Efficacy: _____	Fan Location: _____ Fan Efficacy: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	

Insulation Inspection

2015 IECC Section #	Insulation Inspection	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R303.1; R303.1.1; R303.1.2	All insulation installed insulation labeled or installed R-values provided, and R-value marks are readily observable				☐ Yes ☐ No ☐ N/O ☐ N/A	
R303.2	All insulation installed per manufacturer's instructions				☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1.1	Vapor retarder	Wall assemblies in building thermal envelope comply with vapor retarder requirements in IRC R702.7 or IBC 1405.3 as applicable			☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Air barrier and thermal envelope	The exterior thermal envelope contains a continuous air barrier		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Air barrier and thermal envelope	Breaks or joints in air barrier are sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Air barrier and thermal envelope	Exterior thermal envelope insulation for framed walls in substantial contact and continually aligned with air barrier		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Air barrier and thermal envelope	Air permeable insulation not used as air barrier		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; Table R402.1.2; Table R402.1.4;	Floor insulation R-Value Or U-Factor	R-19 Or U-0.47	R: _____ Or U: _____	R: _____ Or U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Floor insulation installation			☐ Permanent contact with underside of subfloor decking ☐ Permanent contact with top side of sheathing ☐ Continuous	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Floor air barrier	Air barrier installed at any edge of exposed insulation		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	

R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Crawl space vapor retarder installation	Exposed Earth covered with Class 1 Vapor retarder; overlapping joints taped		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Crawl space wall insulation installation	Permanently attached to wall		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; Table R402.1.2; Table R402.1.4	Above grade wood frame wall Insulation R-Value or U-factor	R13+5 Or R-20 Or U-0.060	R: _____ Or U: _____	R: _____ Or U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Corner cavity insulated	R-3 per inch material		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Header cavities insulated	R-3 per inch material		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Narrow cavities	Insulation cut to fit or insulation readily conforms to space		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Knee walls	Sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Foundation and sill plate	Junction sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Top plate and top of exterior wall junction	Junction sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Rim joist insulated			If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Rim joist air barrier	Rim joist includes the air barrier		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Exterior walls adjacent to showers/tubs are Insulated			If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	

R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Showers/tubs adjacent to exterior wall air barrier	Air barrier at exterior wall separates shower/tub from exterior wall		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Air barrier and electrical/communication boxes	Air barrier installed behind electrical and communication boxes; OR sealed boxes		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Plumbing and wiring	Batt insulation cut to fit around plumbing/wiring or insulation readily conforms to space behind wiring		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Windows, skylights and doors	Space between jambs and framing is sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Garage separation	Air sealing between garage and conditioned spaces		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.1; R402.2.1; R402.2.2; Table R402.1.2; Table R402.1.4	Ceiling insulation R-Value or U-Factor	R-49 OR R-38 full depth at eaves OR R-30 ceiling w/o attic space (limited to 500 Sq Ft or 20% of roof area, whichever is less) OR U-0.026	R: _____ OR Full depth R: _____ OR Ceiling w/o attic Sq Ft: _____ % of Roof area: _____ R: _____ OR U: _____	R: _____ OR Full depth R: _____ OR Ceiling w/o attic Sq Ft: _____ % of Roof area: _____ R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.3	Eave baffles	Installed in vented attics with air-permeable insulation		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.4	Attic hatches and doors	Weather-stripped and insulated to full insulated value of surrounding surface; blocking provided for loose fill insulation		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Attic hatch/door/knee wall door air barrier	Access openings, drop down stairs or knee wall doors to unconditioned attic are sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Drop ceilings/soffits	Air barrier in drop ceilings/soffits is aligned with insulation and gaps sealed		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	

R402.4; R402.4.1; R402.4.1.1; Table R402.4.1.1 Mandatory	Concealed sprinklers	Sealed according to manufacturer's recommendations		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.4 Mandatory	Rooms with fuel-burning appliances (with open combustion air duct providing combustion air to open combustion appliance)	Room sealed, insulated to R-13 (Cavity) or R-8 (continuous); door gasketed; ducts insulated to R8		If Complies: ☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.2 Mandatory	Fireplaces	Tightfitting flue dampers or doors; Outdoor combustion air. Factory built fireplace tightfitting doors tested and listed (UL 127); masonry fireplace tightfitting doors tested and listed (UL 907)			☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.2.13	Thermally isolated sunroom insulation	Walls R13 Ceilings R19	Wall R: _____ Ceiling R: _____	Wall R: _____ Ceiling R: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	

Final Inspection

2015 IECC Section #	Final Inspection	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R303.3	Maintenance information for equipment and systems that require preventative maintenance	Maintenance instructions furnished and equipment labeled			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.1.1 Mandatory	Programmable thermostat	Initially programmed cooling set point $\geq 78^{\circ}\text{F}$ and a heating set point $< 70^{\circ}\text{F}$			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.1.2 Mandatory	Heat pump supplementary heat	Controls prevent electric resistance supplementary heat operation when heat pump compressor can meet the load (except during defrost)			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.2	Hot water boiler outdoor temperature setback	Control present that lowers boiler water temperature based on outdoor temperature.			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.5; R403.5.1 Mandatory	Heat trace systems	Heat Trace Systems, if present, have controls to automatically adjust temperature in accordance with times when heated water is used			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.5; R403.5.1.1; R403.5.2 Mandatory	Recirculation pumps	Heated water circulation systems, if present, are provided with circulation pump. Recirculation pumps controlled by sensing demand for hot water to a fixture or appliance			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.5.4	Drain water heat recovery units	Comply with CSA B55.2 Tested to CSAB55.1 Pressure loss $< 3\text{psi}$ For 1-2 showers Pressure loss $< 2\text{psi}$ For 3 or more showers			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.9 Mandatory	Snow melt and ice control systems	Automatic control capable of shutting system off when pavement temps $> 50^{\circ}\text{F}$ w/ no precipitation; Automatic or manual shutoff control when outdoor temperature is above 40°F			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.10; R403.10.1 Mandatory	Residential pools and permanent spas	In accordance with APSP-145			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.12	Residential pools and permanent spas	In accordance with APSP-15			☐ Yes ☐ No ☐ N/O ☐ N/A	

R403.10; R403.10.2 Mandatory	Residential pool and permanent spa heaters	Accessible on-off switch integral to heater or within 3' (in addition to circuit breaker). No continuously burning pilot light for gas-fired heaters			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.10; R403.10.3 Mandatory	Residential pool and permanent spa heater and pump time switches	Time switch with automatic turn-off installed or built-in to heaters/pumps Or Public health 24-hour pump exception Or Pump operates solar or waste-heat-recovery heater			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.10; R403.10.4 Mandatory	Outdoor heated residential pools and outdoor permanent spa covers	Vapor Retardant Cover OR Other approved vapor retardant means Or More than 70% of energy for heating is from site-recovered energy			☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.11 Mandatory	Portable spas	In accordance with APSP-14			☐ Yes ☐ No ☐ N/O ☐ N/A	
R404.1 Mandatory	High efficacy lighting	75% or more of lamps or fixtures are high efficacy. Lamps > 40 Watts ☐ 60Lumens/watt 40 Watts $\geq$ Lamps >15 Watts ☐ 50Lumens/watt 15 Watts $\geq$ Lamps ☐ 40Lumens/watt	% high efficacy: _____	% high efficacy: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R404.1.1 Mandatory	Fuel gas lighting	No continuously burning pilot light			☐ Yes ☐ No ☐ N/O ☐ N/A	

Test Results

2015 IECC Section #	Test Results	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R403.3.3 Mandatory	Duct leakage tested with a pressure differential of 0.1 inch w.g. (25 Pa)	Rough-in test OR Postconstruction Test OR Exempt because all ducts and air handler located entirely within the building thermal envelope		☐ Rough-in test ☐ Rough-in test with no air handler ☐ Postconstruction Test ☐ Exempt	☐ Yes ☐ No ☐ N/O ☐ N/A	
R403.3.4	Duct leakage test results	Rough-in Test: 4cfm25 or lower Rough-in Test with No Air Handler: 3cfm25 or lower Postconstruction Test: 4cfm25 or lower		Test Results: _____cfm 25	☐ Yes ☐ No ☐ N/O ☐ N/A	
R402.4; R402.4.1.2 Mandatory	Building air leakage tested in accordance with ASTM E 779 or ASTM E 1827 and reported at pressure of 0.2 inch w.g. (50 Pa)	3ACH50 or lower		Test Results: _____ACH50 If attached unit: ☐ Guarded test ☐ Unguarded test	☐ Yes ☐ No ☐ N/O ☐ N/A	

Simulated Performance Alternative Compliance Path R405 Limits

2015 IECC Section #	Simulated Performance Alternative Compliance Path R405 Limits	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R405.2; R401.2 Mandatory	All mandatory requirements met				☐ Yes ☐ No ☐ N/O	
R405.3	Annual energy cost of proposed design is less than or equal to annual energy cost of standard reference design				☐ Yes ☐ No ☐ N/O	
R402.5; R405	Maximum area-weighted average fenestration U-Factor	U-0.48	Area-Weighted Average Fenestration U: _____	Area-Weighted Average Fenestration U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R405.2	Ducts not completely inside the building thermal envelope	R-6 minimum	R: _____	R: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	

Energy Rating Index Compliance Path R406 Limits

2015 IECC Section #	Energy Rating Index Compliance Path R406 Limits	Prescriptive Code Value	Plans Verified Value	Field Verified Value	Compliance	Comments/Assumptions
R405.2; R406.2; R401.2 Mandatory	All mandatory requirements met				☐ Yes ☐ No ☐ N/O	
R406.4 Table R406.4	Maximum Energy Rating Index	ERI: 54	ERI: _____	ERI: _____	☐ Yes ☐ No ☐ N/O	
R406.2	Insulation and window minimum performance	All Prescriptive building thermal envelope requirements and SHGC requirements in Table 402.1.2 or 402.1.4 or the 2009 IECC met			☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2; R403.5.3	Pipe insulation minimums	All pipe insulation requirements in R403.5.3 met			☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Ducts not completely inside the building thermal envelope	R-6 minimum	R: _____	R: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Fenestration U-Factor	U-0.35	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Skylight Fenestration U-Factor	U-0.60	U: _____	U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Solar Heat Gain Coefficient	NR	SHGC: _____	SHGC: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Ceiling insulation	R-38 OR U-0.30	R: _____ OR U: _____	R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Wood frame wall insulation	R-13 OR U-0.082	R: _____ OR U: _____	R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Mass wall exterior insulation R- value. If more than 1/2 of the insulation is on the wall interior, the interior insulation requirement applies	Exterior R-5 Interior R-10 OR U: 0.141	Exterior R-Value: _____ Interior R-Value _____ OR U: _____	Exterior R-Value: _____ Interior R-Value _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Floor above unconditioned space insulation	R-19 OR U-0.047	R: _____ OR U: _____	R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	

R406.2	Conditioned basement wall insulation R-value	Cavity: R-13 Continuous: R-10 OR U-0.059	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Slab edge insulation R-Value	Unheated: R-10, 2ft Heating: R-15, 3ft	R: _____ Ft: _____ ☐ Unheated ☐ Heated	R: _____ Ft: _____ ☐ Unheated ☐ Heated	☐ Yes ☐ No ☐ N/O ☐ N/A	
R406.2	Unvented crawl space wall insulation R-Value	Cavity: R-13 Continuous: R-10 OR U-0.065	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	Type: ☐ Cavity ☐ Continuous R: _____ OR U: _____	☐ Yes ☐ No ☐ N/O ☐ N/A	