

# RESIDENTIAL ENERGY EFFICIENCY CERTIFICATE OF COMPLIANCE

IECC 2015 - ZONE 4 EXCEPT MARINE

STREET ADDRESS \_\_\_\_\_

PERMIT # \_\_\_\_\_

THIS COMPLETED CERTIFICATE, OR ITS EQUIVALENT, MUST BE PERMANENTLY POSTED ON OR WITHIN SIX FEET OF ELECTRICAL PANEL AND BE READILY VISIBLE PER IECC 2015 SECTION R401.3 AND N1101.14.1 (BILL 40-15)

WHERE THERE IS MORE THAN ONE VALUE FOR EACH COMPONENT, THE CERTIFICATE SHALL LIST THE VALUE COVERING THE LARGEST AREA. AN AREA-WEIGHTED AVERAGE OF FENESTRATION PRODUCTS SHALL BE PERMITTED TO SATISFY THE U-FACTOR REQUIREMENTS.

COMPONENT	MINIMUM (Prescriptive) R-VALUE REQUIRED	R-VALUE PROVIDED	COMMENTS
CEILING/ROOF	49 <sup>1</sup>		
WALLS	20 or 13+5		
BASEMENT WALLS	10/13 <sup>2</sup>		
SLAB	10 at 2 ft.		
CRAWL SPACE: WALL	10/13 <sup>2</sup>		
FLOOR OVER UNCONDITIONED SPACE	19		
SUPPLY & RETURN DUCTS IN ATTIC	8 <sup>3</sup>		DUCTS LESS THAN 3 INCHES R-6 <sup>3</sup>

<sup>1</sup> R-38 PERMITTED IF EXTENDS UNCOMPRESSED OVER THE WALL TOP PLATE AT THE EAVES. (SECTION R402.2.1)

<sup>2</sup> THE FIRST VALUE APPLIES TO CONTINUOUS INSULATION; THE SECOND TO FRAMING CAVITY INSULATION.

<sup>3</sup> EXCEPTION: DUCTS OR PORTIONS LOCATED COMPLETELY INSIDE BUILDING THERMAL ENVELOPE.

COMPONENT	MAXIMUM U-FACTOR PERMITTED	U-FACTOR PROVIDED	COMMENTS
FENESTRATION	0.35		
SKYLIGHTS	0.55		
GLAZED FENESTRATION SHGC: R402.3.2	0.40		

MECHANICAL	TYPE & SIZE	HEATING EFFICIENCY	COOLING EFFICIENCY
HVAC UNIT #1			
HVAC UNIT #2			
WATER HEATER #1			
WATER HEATER #2			

R402.4.1.2 BUILDING ENVELOPE AIR LEAKAGE NOT TO EXCEED 3 AIR CHANGES PER HOUR.  PASS  
 R403.3.4 DUCT TESTED AIR LEAKAGE NOT TO EXCEED 4 CFM PER 100 SQ FT.  PASS

MECHANICAL CONTRACTOR \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ LICENSE # \_\_\_\_\_

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND COMPLETE:

BUILDING CONTRACTOR \_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ LICENSE # \_\_\_\_\_

2015 INTERNATIONAL ENERGY CONSERVATION CODE

COMPONENT	PRESCRIPTIVE/DESIGN REFERENCE	PROPOSED DESIGN
SUNROOM GLASS WITH THERMAL ISOLATION	MAX U FACTOR 0.45 SECTION R402.3.5	
AIR LEAKAGES (MANDATORY)	ALL CRACKS AND PENETRATIONS SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED TO COMPLY SECTION R402.4 OF IECC 2015.	
FIRE PLACES(WOOD) SECTION R402.4.2	SHALL HAVE TIGHT FITTING DOORS OR TIGHT FITTING FLUE DAMPERS, AND OUTSIDE COMBUSTION AIR.	
HOT WATER PIPE INSULATION	MINIMUM R-3 R403.5.3	
POOL HEATERS	COMPLY WITH SECTION R403.10 OF IECC 2015.	
THERMOSTATS	AT LEAST ONE THERMOSTAT SHALL BE PROVIDED FOR EACH SEPARATE HEATING AND COOLING SYSTEM. SECTION R403.1 OF IECC 2015.	
PROGRAMMABLE THERMOSTAT COMPLIANCE WITH SECTION R403.1.1	THERMOSTAT CONTROLLING PRIMARY HEATING OR COOLING SYSTEMS SHALL BE CAPABLE OF CONTROLLING ON A DAILY BASIS DIFFERENT SET POINTS AT DIFFERENT TIMES OF THE DAY.	
HEAT PUMP WITH SUPPLEMENTARY ELECTRIC-RESISTANCE HEAT SECTION R403.1.2	THERMOSTAT SHALL PREVENT SUPPLEMENTARY HEAT FROM COMING ON WHEN HEAT PUMP CAN MEET HEATING LOAD.	
DUCT SEALING R403.3.2	ALL DUCTS, AIR HANDLERS, FILTER BOXES SHALL BE SEALED.	
DUCT TIGHTNESS NON-CONDITION SPACES R403.3.3	SHALL BE VERIFIED BY EITHER POST CONSTRUCTION TEST OR ROUGH-IN-TEST.	
AIR SEALING INSULATION TEST – BUILDING THERMAL ENVELOPE	AIR LEAKAGE TEST REQUIRED NOT TO EXCEED 3 AIR CHANGES PER HOUR, SECTION R402.4.1.2.	
RECESSED LIGHTING R402.4.5	SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITION AND NON-CONDITION SPACES.	
LIGHTING EQUIPMENT SECTION R404.1	A MINIMUM OF 75% LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL HAVE HIGH EFFICACY LAMPS.	
EAVE BAFFLE SECTION R402.2.3	MUST MAINTAIN OPENING EQUAL OR GREATER THEN SIZE OF VENT.	

IECC: INTERNATIONAL ENERGY CONSERVATION CODE – 2015 EDITION  
NAECA: NATIONAL APPLIANCE ENERGY CONSERVATION CODE