



REScheck Software Version 4.6.4 Compliance Certificate

Project Sample Project

Energy Code: **2015 IECC**
 Location: Anywhere, USA
 Construction Type: **Single-family**
 Project Type: **New Construction**
 Conditioned Floor Area: **4,468 ft2**
 Glazing Area: **15%**
 Climate Zone: **2 (1371 HDD)**
 Permit Date:
 Permit Number:

Construction Site:
Home Owner

Owner/Agent:

Designer/Contractor:

Compliance: Passes using UA trade-off

Compliance: **1.8% Better Than Code** Maximum UA: **1148** Your UA: **1127** Maximum SHGC: **0.25** Your SHGC: **0.25**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Wall 1: Wood Frame, 16" o.c.	704	13.0	0.0	0.082	53
Window 1: 10D-w:2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/ SHGC: 0.25	24			0.350	8
Window 2: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	9			0.350	3
Window 3: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	22			0.350	8
Wall 2: Wood Frame, 16" o.c.	1,417	13.0	0.0	0.082	81
Window 1: 10D-w:2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/ SHGC: 0.25	48			0.350	17
Window 2: 10D-w:2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/ SHGC: 0.25	114			0.350	40
Window 3: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	3			0.350	1
Window 4: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	6			0.350	2
Window 5: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	25			0.350	9
Window 6: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	162			0.350	57
Window 7: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	68			0.350	24

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Wall 3: Wood Frame, 16" o.c.	1,145	13.0	0.0	0.082	88
Window 1: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	30			0.350	11
Window 2: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	24			0.350	8
Window 3: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	22			0.350	8
Wall 4: Wood Frame, 16" o.c.	1,011	13.0	0.0	0.082	64
Door 1: Solid	21			0.390	8
Window 1: 10D-w:2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/ SHGC: 0.25	95			0.350	33
Window 2: 10D-w:2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/ SHGC: 0.25	57			0.350	20
Window 3: 10D-w:2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/ SHGC: 0.25	24			0.350	8
Window 4: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	6			0.350	2
Window 5: 2 glazing, clr low-e outr, air gas, wd frm mat, clr innr, 1/4" gap SHGC: 0.25	24			0.350	8
Wall 5: Wood Frame, 16" o.c.	802	13.0	0.0	0.082	61
Door 1: Solid	63			0.390	25
Floor 1: All-Wood Joist/Truss:Over Unconditioned Space	1	19.0	0.0	0.047	0
Floor 2: Slab-On-Grade:Unheated Insulation depth: 0.5'	310		0.0	1.042	322
Floor 3: Slab-On-Grade:Unheated Insulation depth: 0.2'	12		0.0	1.042	12
Ceiling 1: Flat Ceiling or Scissor Truss	535	21.0	40.0	0.016	9
Ceiling 2: Flat Ceiling or Scissor Truss	3,434	1.0	22.0	0.040	137

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2015 IECC requirements in REScheck Version 4.6.4 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Craig C. Brooks General Manager

Name - Title

Craig C. Brooks

Signature

8/2/2017

Date

Project Notes:



2015 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	13.00
Below-Grade Wall	0.00
Floor	0.00
Ceiling / Roof	23.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.35	0.25
Door	0.39	

Heating & Cooling Equipment	Efficiency
Heating System: _____	_____
Cooling System: _____	_____
Water Heater: _____	_____

Name: _____ Date: _____

Comments