



REScheck Software Version 4.5.0 Compliance Certificate

Project CCHA Triplex Model #2016-01

Energy Code: **2009 IECC**
 Location: **Burlington, Kansas**
 Construction Type: **Multi-family**
 Project Type: **New Construction**
 Orientation: **Bldg. faces 0 deg. from North**
 Conditioned Floor Area: **1,094 ft2**
 Glazing Area **14%**
 Climate Zone: **4 (5149 HDD)**
 Permit Date:
 Permit Number:

Construction Site:
 Potomic Street
 Burlington, KS 66839

Owner/Agent:
 Coffey County Housing Authority
 313 Neosho Street
 Burlington, KS 66839
 620 364 8895
 ccha@coffeycountyks.org

Designer/Contractor:
 K. Hector Girardin
 TechCAD Services, LLC
 166 W 110th Street
 Carbondale, KS 66414
 785 249 3884
 hector@techcadservices.com

Compliance: Passes using UA trade-off

Compliance: **0.0% Better Than Code** Maximum UA: **220** Your UA: **220**

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	Glazing or Door U-Factor	UA
Ceiling 1: Raised or Energy Truss	1,094	38.0	0.0	0.025	27
Wall 1: Wood Frame, 16" o.c. Orientation: Front	98	19.0	0.0	0.060	5
Window 1: Vinyl Frame:Double Pane with Low-E Orientation: Unspecified	15			0.300	5
Wall 2: Wood Frame, 16" o.c. Orientation: Right side	48	19.0	0.0	0.060	3
Wall 3: Wood Frame, 16" o.c. Orientation: Front	144	19.0	0.0	0.060	5
Window 2: Vinyl Frame:Double Pane with Low-E Orientation: Unspecified	36			0.300	11
Door 1: Solid Orientation: Unspecified	20			0.190	4
Wall 5: Wood Frame, 16" o.c. Orientation: Back	240	19.0	0.0	0.060	12
Window 1: Vinyl Frame:Double Pane with Low-E Orientation: Unspecified	15			0.300	5
Door 2: Glass Orientation: Unspecified	20			0.300	6
Wall 6: Wood Frame, 16" o.c. Orientation: Left side	320	19.0	0.0	0.060	17

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Window 1: Vinyl Frame:Double Pane with Low-E Orientation: Unspecified	15			0.300	5
Window 1: Vinyl Frame:Double Pane with Low-E Orientation: Unspecified	15			0.300	5
Floor 1: Slab-On-Grade:Unheated Insulation depth: 0.0'	106		11.0	1.042	110

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 2009 IECC requirements in REScheck Version 4.5.0 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title

Signature

Date



2009 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Wall	19.00
Floor	11.00
Ceiling / Roof	38.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.30	
Door	0.19	

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

Name: _____ Date: _____

Comments