REScheck Software Version 4.7.2
Compliance Certificate

Project Wisconsin Ave NFDL

Energy Code:	**2009 IECC**
Location:	**North Fond du Lac, Wisconsin**
Construction Type:	**Single-family**
Project Type:	**New Construction**
Conditioned Floor Area:	**1,448 ft2**
Glazing Area	**9%**
Climate Zone:	**6 (7541 HDD)**
Permit Date:	
Permit Number:	

Construction Site: Owner/Agent: Designer/Contractor:

Compliance: Passes using UA trade-off

Compliance: **0.0% Better Than Code** Maximum UA: **279** Your UA: **279**

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.

NOTE: Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Ceiling 1: Raised or Energy Truss	1,448	60.0	0.0	0.017	0.026	25	38
Basement Wall 1: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.5' Insulation depth: 7.8'	219	0.0	7.5	0.067	0.050	15	11
Basement Wall 2: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.5' Insulation depth: 7.8'	390	0.0	7.5	0.067	0.050	26	20
Basement Wall 3: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.5' Insulation depth: 7.8'	383	0.0	7.5	0.067	0.050	26	19
Basement Wall 4: Solid Concrete or Masonry Wall height: 7.8' Depth below grade: 7.5' Insulation depth: 7.8'	500	0.0	7.5	0.067	0.050	34	25
Wall 1: Wood Frame, 16" o.c.	280	21.0	0.0	0.057	0.057	16	16
Wall 2: Wood Frame, 16" o.c.	500	21.0	0.0	0.057	0.057	23	23
Window 1: Vinyl/Fiberglass Frame:Double Pane with Low-E	81			0.280	0.350	23	28
Door 1: Glass	20			0.300	0.350	6	7

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Wall 3: Wood Frame, 16" o.c.	490	21.0	0.0	0.057	0.057	26	26
Window 2: Vinyl/Fiberglass Frame:Double Pane with Low-E	30			0.280	0.350	8	11
Wall 4: Wood Frame, 16" o.c.	640	21.0	0.0	0.057	0.057	33	33
Window 3: Vinyl/Fiberglass Frame:Double Pane with Low-E	23			0.280	0.350	6	8
Door 2: Solid	20			0.300	0.350	6	7
Door 3: Glass	20			0.300	0.350	6	7

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 RES*check* Version 4.7.2 and to comply with the mandatory requirements listed in the RES*check* Inspection Checklist.

Dave Donath, Owner — Name - Title

Dave Donath — Signature

06-19-26 — Date

2009 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	21.00
Below-Grade Wall	7.50
Floor	0.00
Ceiling / Roof	60.00
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	0.28	
Door	0.30	

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

Name: Dave Donath Date: 06-19-2016

Comments