INDIANA ENERGY CODE PROCESS

Builder submits prints/specs to TSI Energy Solutions

TSI analyzes prints for compliance

If home passes with builder's specs, TSI issues a code compliance packet to the builder. If not, we work with the builder to determine the most cost effective spec improvements to achieve compliance, then issue a compliance packet with revised specs.

Builder submits compliance packet to city when applying for permit, noting the compliance path chosen (Prescriptive, Total UA or Performance).

TSI inspects home once before drywall

TSI inspects home before closing (blower door, duct leakage test, etc.)

If everything passes, TSI issues final code compliance packet to builder, who submits packet when scheduling final CO inspection with city

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2012 Indiana Energy Code

CODE MEASURE:	Prescriptive Path	Total UA Path	Performance Path
1101.3---Materials, systems and equipment shall be identified to allow determination of compliance	x	x	x
1101.4---Insulation identifed with R-value marked on product	x	x	x
1101.4.1---Rulers, with R-value identified, every 300 sf in attic	x	x	x
1101.4.2---Install insulation so R-value mark is readily observable	x	x	x
1101.5---Fentestration products shall bear a label and certification (NFRCC100)	x	x	x
1101.6---R-value determined in accordance with the 16 CFR 460	x	x	x
1101.7---All materials, systems and equipment installed in accordance with manufacturers instruction. Also, exposed foundation insulation shall be protected	x	x	x
1101.8---A permanent certificate must be posted on or in the electrical panel, listing the R-value of all insulation, fenestration u-factors, equipment efficiencies	x	x	x
1102.1---Thermal envelope shall meet requirements of Table N1102.1	x		
1102.1.1---R-value computation method	x	x	
1102.1.2---U-factor alternative Table can be used	x	x	
1102.1.3---Total UA Alternative Compliance		x	
1102.2.1and 1102.2.2---Attic Insulation R-value allowances (Raised Heel Truss)	x		
1102.2.3---Access hatches and doors weatherstripped and insulated	x	x	x
1102.2.4 and 1102.2.5---Mass Wall and Steel frame requirements	x	x	
1102.2.6---Floor insulation installed so permanent contact with subfloor decking	x	x	x
1102.2.7---Conditioned basement walls FULLY insulated top to bottom	x	x	
1102.2.8---Slab insulation according to Table N1102.1	x	x	
1102.2.9----Crawl Space Walls insulating floors vs. walls	x	x	
1102.2.10---Insulation not required on horizontal masonry support	x	x	x
1102.2.11---Sunroom insulation requirements	x	x	
1102.3---Fenestation requirements	x	x	
1102.4---Air Leakage Requirements (1102.4.1 - 1102.4.5) This includes blower door testing (or air leakage checklist review), masonry fireplace requirements, Fenestration Air Leakage Section and IC Rated Can lights	x	x	x
1102.5---Fenestration Trade-offs (U-0.48 Maximum area-weighted average)	x	x	
1103.1.1---Programmable thermostat installed	x	x	
1103.1.2---Heat pump controls to prevent unnecessary supplemental heat operation	x	x	
1103.2.1---Supply ducts in attic R-8; all others R-6 outside conditioned space*	x	x	*
1103.2.2---All ducts, air handlers, filter boxes shall be sealed and duct tightness must be tested with a duct blaster and may not exceed maximum amounts	x	x	x
1103.2.3----Building cavities may not be used as supply ducts	x	x	
1103.3---Refrigerant Lines insulated to R-3	x	x	
1103.4----All circulating hot water piping shall be insulated to at least R-2	x	x	
1103.5---Mechanical ventilation intakes shall have gravity dampers	x	x	
1103.6---HVAC equipment must be sized according to M1401.3	x	x	
1103.7---Snow-melt system controls	x	x	
1103.8---Swimming pool heater and cover requirements	x	x	
1104---Lighting must be 50 percent high-efficacy lamps	x	x	
*Performance Path Requires R-6 on ALL ducts outside conditioned space			
This information is based on Indiana's latest interpretation as of 2-28-12 and all information is subject to change			

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