

2012 Indiana Residential Energy Code – Climate Zone 4

<u>Prescriptive Path:</u>	<u>UA Trade-off:</u>	<u>Typical Performance Path:</u>
Basement Walls: R10/13 Full Crawl Walls: R10/13 Full Height Slabs: R10 2' down Exposed Floors: R19 Rim & Band: R13+OSB Exterior Walls: R13+OSB Ceilings: R38 flat, R38 Vaults Windows: 0.35 U-factor or lower Doors: Standard insulated steel	Basement Walls: R10 Full Height Crawl Walls: R10 Full Height Slabs: R10 2' down Exposed Floors: R19 Rim & Band: R13+OSB Exterior Walls: R13+OSB Ceilings: R38 flat, R38 Vaults Windows: 0.35 U-factor or lower Doors: Standard insulated steel	Basement Walls: R5, 4' down Crawl Walls: R5 4' down Slabs: R5 2' down Exposed Floors: R19 Rim & Band: R13+OSB Exterior Walls: R13+OSB Ceilings: R38 flat, R30 Vaults Windows: 0.35 U-factor or lower Doors: Standard insulated steel

**Note: Above listed are typical assemblies and may vary*

Summar of New Requirements:

- All HVAC equipment sized according to ACCA Manual J 8th edition
- Setback/Programmable thermostat initially set for 70 heat & 78 cool
- R-3 Refrigerant line insulation
- 50% CFL lighting in permanent fixtures
- Special requirements for Pools and Snow melt controls
- **Certificate of all insulation values & equipment sizes & efficiencies posted on electric panel
- **Weather-stripped and insulated attic access doors with perimeter barrier
- **All ducts sealed with mastic, silicone, or UL-181 metal tape
- **Duct testing showing less than 8CFM/100sq ft leakage to outdoors. This is required if any portion of ducts are outside thermal boundary
- **Blower door testing showing less than 7ACH @ 50 Pa **OR** 3rd party verified checklist
- **Air Leakage: Following **MUST** be caulked/foamed, sealed, or gasketed
 - Site-built windows, doors, and skylights
 - Openings between door and window assemblies (no fiberglass)
 - Utility Penetrations
 - Dropped ceilings or chases adjacent to thermal envelope
 - Knee walls
 - Behind tubs and showers on exterior walls
 - Behind fireplaces on exterior walls
 - Walls and ceilings separating the garage from conditioned space
 - Common walls between dwelling units
 - Attic access openings, including those in knee walls
 - Rim joist junctions
 - Bottom plates, exterior corners

Note: Not all of the above new requirements are required for the Performance Path

****When using the performance path, only these items are required.**