

2012 Indiana Residential Energy Code – Climate Zone 5

| <u>Prescriptive Path:</u> | <u>UA Trade-off:</u> | <u>Typical Performance Path:</u> |
|---------------------------------|---------------------------------|----------------------------------|
| Basement Walls: R10/13 | Basement Walls: R10 | Basement Walls: R10, 4' down |
| Crawl Walls: R10/13 | Crawl Walls: R10 | Crawl Walls: R10, 4' down |
| Slabs: R10 2' down | Slabs: R10 2' down | Slabs: R10 2' down |
| Rim & Band: R13+5 or R20 | Rim & Band: R13+3 | Rim & Band: R13 |
| Exterior Walls: R13+5 or 20 | Exterior Walls: R13+3 | Exterior Walls: R13+OSB |
| Ceilings: R38 flat, R38 Vaults | Ceilings: R38 flat, R38 Vaults | Ceilings: R38 flat, R30 Vaults |
| Windows: 0.35 U-factor or lower | Windows: 0.35 U-factor or lower | Windows: 0.35 U-factor or lower |
| Doors: Standard insulated steel | Doors: Standard insulated steel | Doors: Standard insulated steel |

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

Summary 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 Condenser/heat pump line insulation
- Special requirements for Pools and Snow melt controls
- 50% CFL lighting in permanent fixtures
- **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.**