IACL 2015 / 2018 IECC Prescriptive Path

Energy Values for Zone 3

The **2015 / 2018 International Energy Conservation Code (IECC)** provides for several different paths to show compliance. It is up to the builder to make sure that their construction meets the energy values required by a particular path for a particular area of the country called a Zone (1-15). The **Prescriptive Path** uses the values setup in the Energy Code book for that zone. There are also 4-5 **Performance Paths** available where you trade of one energy component value with another Energy Component value. Those values are dictated by an **Energy Report** and must be followed for your construction if you use that **Energy Path**.

The Prescriptive values are different for **New Construction**, **Additions**, **Alterations**, **Repairs** and **Change of Occupancy / Use**. The following Prescriptive values are required for **Additions**, **Alterations**, **Repairs** and **Change of Occupancy / Use**.

Additions

Wall Insulation **R-19 (2x6) o R-13 (2x4) + R-5 Continuous Ins.**
Ceiling Insulation **R-38** **Floor Insulation over unconditioned space** **R-19**
Max Window U Value **0.35** **Max SHGC Value** **0.25**
Lighting Efficacy **75% (2015) / 90% (2018)**
14 SEER A/C compressor **80% Gas Furnace or Heat Pump**
Programable Thermostat

Alterations, Repairs and Change of Occupancy / Use

Wall Insulation **Completely fill wall cavity with insulation**
Ceiling Insulation **R-38** **Floor Insulation over unconditioned space** **R-19**
Max Window U Value **0.35** **Max SHGC Value** **0.25**
Lighting Efficacy **75% (2015) / 90% (2018)**
14 SEER A/C compressor **80% Gas Furnace or Heat Pump**
Programable Thermostat

There are two inspection points for these projects;

1. **Pre Drywall inspection** to check insulation and air sealing
2. **Final Inspection** for rest of components.

There is no **Blower Door test** required for these inspections. There is a **Duct Pressurization test** if a new system is installed and it has components outside the Building Envelope.