



Cascade Charter Township

2865 Thornhills SE Grand Rapids, Michigan 49546-7192

2015 Michigan Energy Code -- Compliance Worksheet

Builder: _____ Job Address: _____

Check the method of compliance. (Provide additional documents for methods 2 and 3)

1. Building Envelope: (R-value prescriptive – complete form)

	Type of Insulation	R-Value	Required R-Value
Wall Assembly			R-20 or 13 + 5
Fenestrations			R-3.125 (U=.32)
Roof / Ceiling			R-38
Floors over unconditioned spaces			R-30
Slabs on grade			R-10, 2 ft
Crawl space walls			R-15/ 19
Basement walls – cavity			R-13
Basement walls - continuous			R-10

2. Total UA alternative (must meet ASHRAE fundamentals)

3. Performance-based compliance (must meet mandatory requirements)

Please note some of the mandatory requirements: (for all requirements see the 2015 MRC -Chapter 11)

1. A permanent certificate listing the installed R and U values must be applied to the electrical panel.
2. The building thermal envelope shall be sealed to limit infiltration. This must be completed prior to the insulation inspection. A blower door test of less than 4 ACH is required.
3. Building framing cavities shall not be used as ducts or plenums.
4. Duct leakage testing is required where located outside the thermal envelope.
5. A minimum of 75% of lamps in fixtures must be high efficacy.

Builder: _____ Date: _____

- Note:**
1. An inspection will be required after wall insulation and before drywall.
 2. For blown attic insulation an installers certificate showing initial thickness, coverage area, and number of bags used must be provided before final inspection.
 3. A certificate of occupancy will not be issued until the requirements of this code are met.