



Cascade Charter Township

2865 Thornhills SE Grand Rapids, Michigan 49546-7192

2009 Michigan Energy Code -- Compliance Worksheet

Builder: _____ Job Address: _____

Circle 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-2.85 (U=.35)
Roof / Ceiling			R-38
Floors over unconditioned spaces			R-30
Slabs on grade			R-10, 2 ft
Crawl space walls			R-10 / 13
Basement walls – cavity			R-13 R-10
Basement walls - continuous			

2. Total UA alternative (must meet ASHRAE fundamentals)

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

Please note some of the mandatory requirements: (see the 2009 michigan uniform enrgy code for all requirements)

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 7 ACH @ 33.5 psf is also acceptable)
3. Recessed lighting (in the building envelope) must be sealed.
4. Programmable thermostats are required for forced air furnace systems.
5. A minimum of 50% 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.