

SHIAWASSEE COUNTY BUILDING DEPARTMENT

ENERGY CODE COMPLIANCE FORM PRESCRIPTIVE METHOD

Building Component Minimum Required Insulation R Value (R13)

(Walls: Top of wall to top of foundation, including rim joist)

Window and door area (Fenestration openings)

Calculate % of windows and doors compared to total area:

Total wall area (Top of wall to finish grade) = _____ square feet

Total window and door area = _____ square feet

Window and door area divided by wall area = _____ % (Percent)

For 0% to 15% use (R1.9) windows ___

For 16% to 20% use (R2.5) windows ___

(If over 20% the Prescriptive Method can not be used.)

Roof / Ceiling Insulation

Calculate % of skylight opening compared to total roof (ceiling area):

Total Roof (Ceiling Area) = _____ square feet

Total Skylight Area = _____ square feet

Skylight area divided by roof / ceiling area = _____ % (Percent)

For 0% to 10% use (R30) insulation in roof area ceiling.

Floors over unconditioned spaces and exterior overhangs. (R21)

Slab on grade floors and its supporting foundation:

Non heated space (R5)

Heated space (R10)

Crawl space walls (R5)

Finished lower level (basement) walls (R5)

Exposed basement walls (more than 7% of gross wall area) (R5)

Total non heated exposed wall = _____ square feet

Total exposed wall area of house = _____ square feet

Non heated wall area divided by total wall area, times 100 = _____ % (Percent) of non insulated wall (to be less than 7%)

Job address _____ Township__ City__ Village__

Applicant Signature _____ Date _____

This form shall be filled out completely before approval is given.