

New Construction Energy Code Compliance Certificate

Per N1101.8 Building Certificate A building certificate shall be posted in a permanently visible location inside the building. The certificate shall be completed by the builder and shall list information and values of components listed in Table N1101.8

Date Certificate Posted

| | | | |
|--|--|-------------------|--|
| Mailing Address of the Dwelling or Dwelling Unit | | City | |
| Name of Residential Contractor | | MS License Number | |

| THERMAL ENVELOPE | | | | | | | | | | RADON SYSTEM | | |
|------------------------------------|--|----------------------------|-------------------|-------------------|-------------------|-----------------|--------------------|-----------------------------|---------------------|---|--|---|
| Insulation Location | Total R-Value of all Types of Insulation | Type: Check All That Apply | | | | | | | | Passive (No Fan) | | |
| | | Non or Not Applicable | Fiberglass: Blown | Fiberglass: Batts | Foam: Closed Cell | Foam: Open Cell | Mineral Fiberboard | Rigid: Extruded Polystyrene | Rigid: Isocyanurate | Active (With fan and monometer or other system monitoring device) | | |
| Below Entire Slab | | | | | | | | | | | | Other Please Describe Here |
| Foundation Wall | | | | | | | | | | | | Type in location: interior exterior or integral |
| Perimeter of Slab on Grade | | | | | | | | | | | | Type in location: interior exterior or integral |
| Rim Joist (Foundation) | | | | | | | | | | | | Type in location: interior exterior or integral |
| Rim Joist (1 st Floor+) | | | | | | | | | | | | Type in location: interior exterior or integral |
| Wall | | | | | | | | | | | | |
| Ceiling, flat | | | | | | | | | | | | |
| Ceiling, vaulted | | | | | | | | | | | | |
| Bay Windows or cantilevered areas | | | | | | | | | | | | |
| Bonus room over garage | | | | | | | | | | | | |
| Describe other insulated areas | | | | | | | | | | | | |

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| Windows & Doors | | | | Heating or Cooling Ducts Outside Conditioned Spaces | | | |
| Average U-Factor (excludes skylights and one door) U: | | | | Not applicable, all ducts located in conditioned space | | | |
| Solar Heat Gain Coefficient (SHGC): | | | | R-value | | | |

| MECHANICAL SYSTEMS | | | | | | Make-up Air <i>Select a Type</i> | | |
|-------------------------------|--|----------------|--|-----------------------|--|----------------------------------|--|--|
| Appliances | | Heating System | | Domestic Water Heater | | Cooling System | | Not required per mech. code |
| Fuel Type | | | | | | | | Passive |
| Manufacturer | | | | | | | | Powered |
| Model | | | | | | | | Interlocked with exhaust device. Describe: |
| Rating or Size | | Input in BTUS: | | Capacity in Gallons: | | Output in Tons: | | Other, describe: |
| Structure's Calculated | | Heat Loss: | | XXXXXXXXXX | | Heat Gain: | | Location of duct or system: |
| Efficiency | | AFUE or HSPF% | | XXXXXXXXXX | | SEER: | | |
| | | | | XXXXXXXXXX | | Calculated cooling load: | | Cfm's |
| | | | | XXXXXXXXXX | | | | " round duct OR |
| | | | | XXXXXXXXXX | | | | " metal duct |

| | | | | | | | |
|--|--|------|--|-------|--|--|--|
| Mechanical Ventilation System | | | | | | Combustion Air <i>Select a Type</i> | |
| Describe any additional or combined heating or cooling systems if installed: (e.g. two furnaces or air source heat pump with gas back-up furnace): | | | | | | Not required per mech. code | |
| <i>Select Type</i> | | | | | | Passive | |
| Heat Recover Ventilator (HRV) Capacity in cfm's: | | Low: | | High: | | Other, describe: | |
| Energy Recover Ventilator (ERV) Capacity in cfm's: | | Low: | | High: | | Location of duct or system: | |
| Continuous exhausting fan(s) rated capacity in cfm's: | | | | | | | |
| Location of fan(s), describe: | | | | | | Cfm's | |
| Capacity continuous ventilation rate in cfm's: | | | | | | " round duct OR | |
| Total ventilation (intermittent + continuous) rate in cfm's: | | | | | | " metal duct | |

Created by BAM version 052009