

New Construction Energy Code Compliance Certificate

Per R401.3 Certificate. A building certificate shall be posted on or in the electrical distribution panel.

Date Certificate Posted

City of Ham Lake
15544 Central Ave NE
Ham Lake, MN 55304
763-434-9555

Mailing Address of the Dwelling or Dwelling Unit

City

Name of Residential Contractor

MN License Number

THERMAL ENVELOPE

Insulation Location	Total R-Value of all Types of Insulation	Type: Check All That Apply							
		Non or Not Applicable	Fiberglass, Blown	Fiberglass, Batts	Foam, Closed Cell	Foam Open Cell	Mineral Fiberboard	Rigid, Extruded Polystyrene	Rigid, Isocynurate
Below Entire Slab									
Foundation Wall									
Perimeter of Slab on Grade									
Rim Joist (1st Floor)									
Rim Joist (2nd Floor+)									
Wall									
Ceiling, flat									
Ceiling, vaulted									
Bay Windows or cantilevered areas									
Floors over unconditioned area									
Describe other insulated areas									

RADON CONTROL SYSTEM

Passive (No Fan)
Active (With fan and monometer or other system monitoring device)
Location (or future location) of Fan:
Other Please Describe Here

Building envelope air tightness:

Duct system air tightness:

Windows & Doors

Average U-Factor (excludes skylights and one door) U:

Solar Heat Gain Coefficient (SHGC):

Heating or Cooling Ducts Outside Conditioned Spaces

Not applicable, all ducts located in conditioned space

R-value

MECHANICAL SYSTEMS

Appliances	Heating System		Domestic Water Heater		Cooling System	
Fuel Type						
Manufacturer						
Model						
Rating or Size	Input in BTUS:		Capacity in Gallons:		Output in Tons:	
Efficiency	AFUE or HSPF%				SEER /EER	
Residential Load Calculation	Heating Loss		Heating Gain		Cooling Load	

Make-up Air Select a Type

Not required per mech. code
Passive
Powered
Interlocked with exhaust device. Describe:
Other, describe:
Location of duct or system:
Cfm's
" round duct OR
" metal duct

MECHANICAL VENTILATION SYSTEM

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):

Select Type

Heat Recover Ventilator (HRV) Capacity in cfm's:	Low:		High:	
Energy Recover Ventilator (ERV) Capacity in cfm's:	Low:		High:	
Balanced Ventilation capacity in cfm's:				
Location of fan(s), describe:				
Capacity continuous ventilation rate in cfm's:				
Total ventilation (intermittent + continuous) rate in cfm's:				

Combustion Air Select a Type

Not required per mech. code
Passive
Other, describe:
Location of duct or system:
Cfm's
" round duct OR
" metal duct