

TIERED PERFORMANCE COMPLIANCE
SECTION 9.36. OF THE NATIONAL BUILDING CODE OF CANADA

This form is intended to clarify the compliance with Section 9.36. performance path.
Must be completed by a competent person who is knowledgeable, experienced, and trained in building design under Section 9.36 of the NBC and acceptable to the Authority Having Jurisdiction

Project Information	
Address:	Climate Zone: 7A
Occupancy Class:	Conditioned Space Volume (m ³):
Select Performance Tier	☐ Tier 1 ☐ Tier 2 ☐ Tier 3 ☐ Tier 4 ☐ Tier 5
Energy performance compliance path Subsection 9.36.5. & 9.36.7. applies only to: - Houses with or without a secondary suite; - Buildings containing only dwelling units and common spaces whose floor area does not exceed 20% of the floor area of the building; and The full modelling report generated by an ANSI/ASHRAE 140 compliant software package or Hot 2000 software is required to be submitted.	

Input parameters (not required for EnerGuide compliance)	Reference Model	Proposed Model
Airtightness (air exchanges per hour @ 50 Pa)		
Heat loss/Heat gain (not required for Tier 1)		
HRV Efficiency		
Thermal mass (MJ/m ² •°C)		
Ventilation rate (l/s)		
Fenestration and door to wall ratio (FDWR) – reference (%)		
Direction of front elevation (clearly indicate one)	☐ N ☐ NE ☐ E ☐ SE ☐ S ☐ SW ☐ W ☐ NW	
Area of windows and doors	Front elevation (m ²)	
	Rear elevation (m ²)	
	Left elevation (m ²)	
	Right elevation (m ²)	
	Total area of windows (m ²)	
	Total area of opaque doors (m ²)	
Energy use (GJ)		

Software Information	
Software title	Version
Is software Hot2000 or ANSI/ASHRAE 140 compliant? Modelling summary reports generated for both the reference and proposed houses are required to be attached.	
☐ Yes ☐ No	

Compliance via Tiered Performance Results (9.36.7.) for Tier 2 or higher

Energy Performance Metrics (not Required for Energuide Compliance)	Reference Model	Proposed Model	Target Energy Performance
Total volume of conditioned space within the building or house > 300m³ and where volume is not determined			
Percent heat loss reduction (Required: ≥ 5%) (calculated by subtracting the annual gross space heat loss of the proposed house from the annual gross space heat loss of the reference house and dividing the result by annual gross space heat loss of the reference house)			Achieved:
Percent improvement (Required: ≥ 10%) (calculated by subtracting the annual energy consumption of the proposed house from the house energy target of the reference house and dividing the result by the house energy target of the reference house), <i>or</i>			Achieved:
Percent house energy target (Required: ≤ 90%) (calculated by dividing the annual energy consumption of the proposed house by the house energy target of the reference house)			or Achieved:
Peak cooling load (≤ reference house)			☐ Yes ☐ No
Total volume of conditioned space within the building or house ≤ 300m³.			
Percent house energy target (Required: ≤ 100%) (calculated by dividing the annual energy consumption of the proposed house by the house energy target of the reference house)			Achieved:

Declaration	
Name:	Company:
Email:	Phone:
<i>I hereby certify that the calculations submitted were prepared in full accordance with Subsection 9.36.5 of the 2020 NBC or the EnerGuide Rating System and the operation procedures of the software.</i> ☐ Subsection 9.36.5. of the 2020 NBC ☐ Alternative Solution (attach supporting documents) ☐ EnerGuide Rating System, v15. I am a qualified Energy Advisor and the submitted design achieves the minimum 10% annual energy improvement target of 2020 NBC, Tier 2. (a compliance summary will be submitted prior to full occupancy)	
Print Name _____ Signature _____ Date _____	

An airtightness test is required to be conducted and provide the Airtightness Certificate to engineering@rmestevan.ca once complete and required prior to scheduling a final inspection.

For Tier 1: Where the air-leakage rate is a value other than 3.2 ACH@50 Pa or 2.5 ACH@50 Pa

For Tier 2 or higher: Where the air-leakage rate is a value less than 3.2 ACH@50 Pa