



Building Energy Efficiency Form

General Information

Project Address:

Applicant's Name:

Telephone:

Email:

☐ Part 9 Residential Building

☐ Performance Path

☐ Prescriptive Path
(Complete Table 1)

☐ Mid-Construction Blower Door Test - Target is 3.0
ACH50

☐ Final Post-Construction Blower Door Test - Target
is 1.5 ACH50

Table 1 - Prescriptive Path for Part 9 Residential Building

Assembly	Minimum Required Thermal Resistance		Proposed Thermal Resistance / Type of Insulation / FDWR
	Effective RSI [m ² ·K/W]	Effective R-value [ft ² ·°F/btu]	
Walls (above grade)	5.28	30	
Walls (below grade)	4.96	28	
Attic ceilings / roof	10.6	60	
Cathedral ceilings / roof	7.0	40	
Slab on ground	5.64	32	
Exposed floor	7.0	40	
Floors above unheated space	6.28	35	
Insulation skirt extending out horizontally (1m out)	5.64	32	
	Effective USI [W/m ² ·K]	Effective U-value [btu/ft ² ·°F]	
Doors excluding glazing	0.91	0.16	
Windows and glazed doors	1.00	0.18	
Maximum fenestration and door-to-wall ratio (FDWR)	15%		

House Performance Compliance Calculation Report (Energy Analysis) is provided as per NBC 2.2.8.3 of Div. C

☐ Yes ☐ No

☐ Part 3 Residential Building

☐ Prescriptive Path
(Complete Table 3)

☐ Performance Path
(Attach Energy Analysis)

Table 3 - Prescriptive Path Values for Part 3 Residential Building

Assembly	Minimum Required Thermal Resistance		Proposed Thermal Resistance / Type of Insulation / FDWR
	Effective RSI [m ² ·K/W]	Effective R-value [ft ² ·°F/btu]	
Walls (above grade)	6.82	38	
Walls (below grade)	5.95	34	
Ceilings / roof	8.80	50	
Slab on ground	3.30	18	
Exposed floor	8.75	50	
Floors above unheated space	7.00	40	
Perimeter insulation (1.0m out)	3.30	18	
	Effective USI [W/m ² ·K]	Effective U-value [btu/ft ² ·°F]	
Doors excluding glazing	1.4	0.25	
Windows and glazed doors	1.4	0.25	
Maximum fenestration and door-to-wall ratio (FDWR)	17%		

☐ Part 3 and Part 9 Non-Residential Building

☐ Complies with the N.B.C.

☐ Energy Evaluation attached as per 9.36 of the N.B.C.

☐ Energy Evaluation attached as per N.E.B.C.

Energy Analysis Attached?

☐ Yes ☐ No

Declaration of Applicant:

I, _____, the applicant for this application, certify that the information submitted
in this application is true and conforms with City By-laws, to the best of my knowledge.

Signature

Date