



# 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 <sup>2</sup> ·K/W]	Effective R-value [ft <sup>2</sup> ·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 <sup>2</sup> ·K]	Effective U-value [btu/ft <sup>2</sup> ·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 <sup>2</sup> ·K/W]	Effective R-value [ft <sup>2</sup> ·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 <sup>2</sup> ·K]	Effective U-value [btu/ft <sup>2</sup> ·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