

2020 NATIONAL BUILDING CODE 9.36

TIERED PRESCRIPTIVE ENERGY COMPLIANCE APPLICATION

Building Address:	Owner/Applicant:
Proposed Use:	Date:

April 1, 2026 NS Building Code Regulations Required to meet Tier 2

Method: Achieve 10 points through performance upgrades that increase overall building efficiency. *(One or multiple upgrade measures may be selected).*

INCREASED INSULATION IN ABOVE GROUND WALLS - 2020 NBC 9.36.8.5.				
2x6 Wood Studs 16"o.c. Vinyl Siding, 7/16" OSB, House Wrap, Polyethylene Vapour Barrier ½" Gyprock				
Select Proposed Wall Assembly	R-Value	Foam Insulation (XPS)	RSI	Points
<input type="checkbox"/>	20	1"	3.76	6.2
<input type="checkbox"/>	20	1.5"	4.20	7.7
<input type="checkbox"/>	20	2"	4.64	10.6
<input type="checkbox"/>	24	0"	3.11	1.6
<input type="checkbox"/>	24	1"	3.99	7.7
<input type="checkbox"/>	24	1.5"	4.43	9.9
<input type="checkbox"/>	24	2"	4.87	11.6
<input type="checkbox"/>	ICF Wall	2.5" & 2.5"	4.14	7.7
<input type="checkbox"/>	Alternative wall assembly other than above submitted. (Points TBD)			

POINTS: _____

INCREASED INSULATION IN FOUNDATION WALLS BELOW GRADE - 2020 NBC 9.36.8.7.				
Foundation wall plus 2x6 Wood Studs 16"o.c. Polyethylene Vapour Barrier, ½" Gyprock				
Select Proposed Wall Assembly	R-Value	Foam Insulation (XPS)	RSI	Points
<input type="checkbox"/>	20	0"	2.96	0
<input type="checkbox"/>	20	1"	3.84	0.8
<input type="checkbox"/>	20	1.5"	4.28	1.4
<input type="checkbox"/>	24	0"	3.28	0.2
<input type="checkbox"/>	24	1"	4.16	1.4
<input type="checkbox"/>	ICF Wall	2.5" & 2.5"	3.81	0.8
<input type="checkbox"/>	N/A			
<input type="checkbox"/>	Alternative foundation wall assembly other than above submitted. (Points TBD)			

POINTS: _____

INCREASED ENERGY EFFICIENCY BY REDUCED BUILDING VOLUME - 2020 NBC 9.36.8.11.			
Building volume is measured at the interior surfaces of exterior walls, ceilings, and floors. (L x W x H) The heated space includes all storeys including basements and excludes attached garages.			
Select Building Volume	Building Volume m ³	Building Volume ft ³	Points
<input type="checkbox"/>	>390	>13,772	0
<input type="checkbox"/>	380 ≤ 390	13,420 ≤ 13,772	1
<input type="checkbox"/>	370 ≤ 380	13,066 ≤ 13,420	2
<input type="checkbox"/>	360 ≤ 370	12,713 ≤ 13,066	3
<input type="checkbox"/>	350 ≤ 360	12,360 ≤ 12,713	4
<input type="checkbox"/>	340 ≤ 350	12,006 ≤ 12,360	5
<input type="checkbox"/>	330 ≤ 340	11,653 ≤ 12,006	6
<input type="checkbox"/>	320 ≤ 330	11,300 ≤ 11,653	7
<input type="checkbox"/>	310 ≤ 320	10,947 ≤ 11,300	8
<input type="checkbox"/>	300 ≤ 310	10,594 ≤ 10,947	9
<input type="checkbox"/>	V ≤ 300	V ≤ 10,594	10

POINTS: _____

INCREASED ENERGY RATING OF WINDOWS & DOORS / DECREASED U-VALUE - 2020 NBC 9.36.8.6.			
Select Proposed Window & Door Rating	Energy Rating	Max U-Value	Points
<input type="checkbox"/>	25 - 28	1.45 - 1.61	0
<input type="checkbox"/>	29 - 33	1.23 - 1.44	1.6
<input type="checkbox"/>	>34	<1.22	4.6
<input type="checkbox"/>	To be determined (No points awarded at application stage)		
<input type="checkbox"/>	Window & Door documentation attached. (Required to achieve points)		

POINTS: _____

INCREASED ENERGY EFFICIENCY OF VENTILATION SYSTEMS - 2020 NBC 9.36.8.9.		
Select Proposed Heat Recovery Efficiency	Heat-Recovery Efficiency, SRE %	Points *max 4.6 points
<input type="checkbox"/>	60 ≤ SRE < 65	0.7
<input type="checkbox"/>	65 ≤ SRE < 75	2.2
<input type="checkbox"/>	75 ≤ SRE < 84	3.5
<input type="checkbox"/>	To be determined (No points awarded at application stage)	
<input type="checkbox"/>	HRV documentation attached. (Required to achieve points)	

POINTS: _____

INCREASED ENERGY EFFICIENT WATER HEATING EQUIPMENT - 2020 NBC 9.36.8.10.			
All service water heaters to meet the minimum equipment performance requirements 9.36.4.2.			
Select Proposed Water Heater	Type	Energy Efficiency, EF or UEF	Points
<input type="checkbox"/>	Electric Water Heater		0
<input type="checkbox"/>	Gas/Oil-fired Tankless	EF≥0.95 or UEF≥0.92	4.9
<input type="checkbox"/>	Gas/Oil-fired Storage - Residential	EF≥0.80 or UEF≥0.83	4.9
<input type="checkbox"/>	Gas/Oil-fired Storage - Commercial	UEF≥0.79 UEF≥0.85	2.4 3.2
<input type="checkbox"/>	Heat pump water heater	EF≥2.35	3.8
<input type="checkbox"/>	Water heater documentation attached. (Required to achieve points)		

POINTS: _____

INCREASED AIRTIGHTNESS VERIFIED BY BLOWER DOOR TEST - 2020 NBC 9.36.8.8.					
Airtightness through Guarded Method AL-A or Unguarded Method AL-B by qualified company.					
Airtightness Target Unguarded (SFD)	Airtightness Target Guarded (Multi-unit)	Airtightness Level	ACH50 Air changes per hour @ 50 Pa	Points Guarded	Points Unguarded
<input type="checkbox"/>		AL-1A or AL-1B	2.01 – 2.5	0	0
<input type="checkbox"/>		AL-2A or AL-2B	1.51 – 2.0	3.5	3.5
<input type="checkbox"/>		AL-3A or AL-3B	1.01 – 1.5	6.9	7.0
<input type="checkbox"/>		AL-4A or AL-4B	0.61 – 1.0	10.4	10.5
<input type="checkbox"/>		AL-5A or AL-5B	≤ 0.6	13.3	13.4
<input type="checkbox"/>	N/A	Airtightness testing to be submitted prior to occupancy (Required to achieve points)			

POINTS: _____

TOTAL ENERGY CONSERVATION POINTS FOR PROPOSED BUILDING – TIER 2	/10
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