2024 Vermont Residential Building Energy Standards (RBES) Certificate (Page 1 of 2)

This certificate is for projects started on or after July 1, 2024.

Before completing this form, refer to the instructions in Chapter 9 of the Residential Energy Code Handbook (Sixth Edition). For additions, alterations, renovations, or repairs, fill out only the applicable portions of certificate.

	Property Address (Stree	t, City, ZIP Code)	
Construction START Date	Construction FINISH Date	Act 250 (Y/N)	Act 250 Permit #
# Units # S	Stories # Conditioned Sq. Ft.	# Bedrooms	
oundation Type: Basement	Slab On Grade	r	
Applicable	Code □ Base □ Stretch		
Project Des	cription		
☐ Single Fan	nily Renovation/Alteration*	Multi-family	ition* Tiny House
*Existing hom	e project description:		
	☐ Option 1: Package-Plus-Points BASE / STRETCH (circle one)	Option 2: RESch software	eck Option 3: HERS/ERI HERS Result (Overall)
Compliance Method	Package: Std. / Log / Tiny Hse. (circle one	(cannot be used for	r HERS without Renewab
MUST select Option 1 ,	Points required:	Stretch Code)	HERS software used, vo
Option 2, or Option 3	Points achieved:(Base requires up to 10pts / Stretch up to	Passes UA result	Approved rater name:
	15pts; See Handbook Tables 5-2 and 5-3 Reference RBES for full requirements of each	5) Max. UA	
	point option	SII	(Maximum HERS 60 Base, 59 Stre
certify to	(Owner) that the above info	ormation is correct and that the	ie premises listed have been constructed in
certify to	(Owner) that the above info		e premises listed have been constructed in
accordance with the Vermont Re Date:	sidential Building Standards (RBES) created	d under 30 V.S.A. § 51.	
accordance with the Vermont Re Date: Signature:	esidential Building Standards (RBES) created residential Building St	d under 30 V.S.A. § 51. inted Name:	
accordance with the Vermont Re Date: Signature: Company:	esidential Building Standards (RBES) created Pr	d under 30 V.S.A. § 51. inted Name:	
Date: Signature: Company: 30 V.S.A. § 51 requires this certi	esidential Building Standards (RBES) created Pr Pr Pr fificate label to be permanently affixed to the	d under 30 V.S.A. § 51. inted Name: inone: inside electrical service panel	
Date: Signature: Company: 30 V.S.A. § 51 requires this certina visible location. Copies of the Service, 112 State St., Montpelie	Preficate label to be permanently affixed to the he certificate (and Home Energy Rating Certer, VT 05602, and 2) the town clerk of the to	inted Name: inside electrical service panelificate if Option 3 is used) alswn where the property is loca	I or heating or cooling equipment or nearby so must be provided to 1) the Dept. of Public ated.
Date: Signature: Company: 30 V.S.A. § 51 requires this certina visible location. Copies of the Service, 112 State St., Montpelie NOTE: Noncompliance with RB	Preference to be permanently affixed to the he certificate (and Home Energy Rating Cert	inted Name: inside electrical service panelificate if Option 3 is used) alswn where the property is loca 30 V.S.A. § 51. This label does	I or heating or cooling equipment or nearby so must be provided to 1) the Dept. of Public ated.
Date: Signature: Company: Out.S.A. § 51 requires this certina visible location. Copies of the Service, 112 State St., Montpelie NOTE: Noncompliance with RB QUESTIONS? CALL the Energy and the Control of the Control	Presidential Building Standards (RBES) created President and President a	inted Name: inside electrical service panelificate if Option 3 is used) alswn where the property is loca 30 V.S.A. § 51. This label does	I or heating or cooling equipment or nearby so must be provided to 1) the Dept. of Public ated.
Date: Signature: Company: 30 V.S.A. § 51 requires this certina visible location. Copies of the Service, 112 State St., Montpelie NOTE: Noncompliance with RB QUESTIONS? CALL the Energy Town clerk recording stamp:	Presidential Building Standards (RBES) created President and President a	inted Name: inside electrical service panelificate if Option 3 is used) alswn where the property is loca 30 V.S.A. § 51. This label does	I or heating or cooling equipment or nearby so must be provided to 1) the Dept. of Public ated.
Date: Signature: Company: Out.S.A. § 51 requires this certina visible location. Copies of the Service, 112 State St., Montpelie NOTE: Noncompliance with RB QUESTIONS? CALL the Energy and the Control of the Control	Presidential Building Standards (RBES) created President and President a	inted Name: inside electrical service panelificate if Option 3 is used) alswn where the property is loca 30 V.S.A. § 51. This label does	I or heating or cooling equipment or nearby so must be provided to 1) the Dept. of Public ated.

2024 Vermont Residential Building Energy Standards (RBES) Certificate Building Technical Details (Page 2 of 2)

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For use with the Package Plus Points compliance method only:	
Envelope: Slab, R-20 around perimeter and below entire slab (2 pts) Envelope: Walls-R-28 2x6 cavity insulation with continuous (1 pt) Envelope: Walls-R-25 double stud or similar (cavity and continuous) (2 pts) Envelope: Walls-R-35 double stud or similar (cavity and continuous) (3 pts) Envelope: Walls-R-36 double stud or similar (cavity and continuous) (3 pts) Envelope: R-48 SIP 10 1/4" XPS or similar (cavity and continuous) (4 pts) Envelope: Ceiling, R-60 flat / 49 sloped (1 pt) Envelope: Ceiling, R-80 flat / 60 sloped (2 pts) Envelope: Ceiling, R-80 flat / 60 sloped (2 pts) Envelope: Floors- exposed, R-49 (1pt) Envelope: Windows 0.27 (1 pt) Envelope: Windows 0.27 (1 pt) Envelope: Windows 0.25 (2 pts) Envelope: Windows 0.25 (2 pts) Envelope: Windows 0.21 (3 pts) Envelope: Windows 0.18 (4 pts) Envelope: Controlled hot water recirculation system with user-demand via push-button for further because the study of the state of the water source to the Electric storage water heater(s) provided with demand responsive controls (1 pt) Envelope: Windows 0.18 (4 pts) Envelope: Doors - exterior, 0.26 (1 pt) Solar hot water system designed to meet at least 50% of the annual hot water load (2 pts) Envelope: Doors - exterior, 0.26 (1 pt) Solar Ptv (or other on-site renewable energy system), (1 pt per 1.5 kW, max. 4 pts) Solar Ptv (or other on-site renewable energy system), (1 pt per 1.5 kW, max. 4 pts) Solar Ptv (or other on-site renewable energy system), (1 pt per 1.5 kW, max. 4 pts) Solar Ptv (or other on-site renewable energy system), (1 pt per 1.5 kW, max. 4 pts) Solar Ptv (or other on-site renewable energy system), (1 pt per 1.5 kW, max. 4 pts) Solar Ptv (or other on-site renewable energy system), (1 pt per 1.5 kW, max. 4 pts) Solar Ptv (or other o	est fixtures (1 pt) e fixture shutoff (1 pt) in no recirculating system (1 its) er access to data (1 pt) design and construction dec
Thermal Envelope	
Basement R- Basement / Crawl Space Walls Basement Insulation Depth (ft) U- Basement Windows D	
Air Sealing/Blower Door Test CFM50 ACH50 Ach50 Air Leakage Tester Name: CFM50/sq ft of building shell (6 sides)	
Ventilation System Balanced, SRE % cfm/watt: Flow verification: Rated, OR Measured Exhaust airflow (to Supply airflow (total cfm): Other Flow verification: Rated, OR Measured Exhaust airflow (to Exhaust airflow (to Supply airflow))	
Combustion Safety (verify all) Exterior (outdoor) air supply is provided for solid fuel-burning appliances & fireplaces, OR \(\subseteq NA\) (no solid fuel burning appliances).	nce or firenlace in h
Solid fuel burning appliances & fireplaces have gasketed doors with compression closure, OR \(\subseteq\) NA (no solid fuel burning appliances)	ince or fireplace in
Mechanical System (must complete all)	
Spillage testing conducted on combustion equipment not directly-vented, OR NA (no equipment, or all equipment directly Design Load Calculation Method: ACCA Manual J, OR Other Approved Method (List)	
Winter design temp, outdoor dry-bulb (VT range: -11 to 1°F) Winter design temp, indoor (max 72°F) Summer design temp, indoor (min. 75°F), OR Summer design temp, indoor (min. 75°F), OR Cooling design load, Btu/hr, OR Primary heating system size, Btu/hr Primary cooling system size, Btu/hr, OR HSPF or COP or AFUE (circle which) SEER or COP (circle which), OR System type (ducted, hydronic, heat pump, space heater)	No cooling No cooling No cooling No cooling No cooling No cooling
Fuel type Programmable thermostat, OR Exempt; list reason	
Ducts \square Ducts located within conditioned spaces, OR \square NA (no ducts)	
Automatic or gravity dampers for ventilation system intake and exhaust Mandatory (Base and Stretch): Mechanical system piping, min. R-4 I Single-family: One Level 2 capable EV-charging parts of Multi-family: One Leve 2 capable EV-charging parts of Multi-family: One Leve 2 capable EV-charging parts of Multi-family: One Level 2 capable EV	arking space
Mandatory (Stretch Code Only): ☐ Single-family: Solar ready ☐ 25% of provided spaces not utilized by dwelling u Level 2 capable EV-charging	•
Where applicable: Circulating service hot water controlled Pools: All requirements per R403.10 are met Automatic controlled	ols for snow-melt sy