

# Passive House Verification

Photo or Drawing		<b>Building:</b> Angle of Repose	
		Street:	
		Postcode/City: Minden	
		Province/Country: Ontario CA-Canada	
		Building type: Cottage	
		Climate data set: CA0060a-Minden	
		Climate zone: 2: Cold Altitude of location: 365 m	
<b>Architecture:</b> Reasonable Projects		<b>Home owner / Client:</b>	
Street:		Street:	
Postcode/City: Ottawa		Postcode/City:	
Province/Country: Ontario CA-Canada		Province/Country:	
<b>Energy consultancy:</b> JMV Consulting		<b>Mechanical engineer:</b>	
Street:		Street:	
Postcode/City: Comox		Postcode/City:	
Province/Country: BC CA-Canada		Province/Country:	
<b>Certification:</b> RDH		Street:	
Street:		Postcode/City: M5T 1Z7 Toronto	
Postcode/City:		Province/Country: ON CA-Canada	
Province/Country:		Interior temperature winter [°C]: 20.0	
Year of construction: 2022		Interior temp. summer [°C]: 25.0	
No. of dwelling units: 1		Internal heat gains (IHG) heating case [W/m²]: 2.5	
No. of occupants: 2.7		IHG cooling case [W/m²]: 2.5	
		Specific capacity [Wh/K per m² TFA]: 84	
		Mechanical cooling:	

**Specific building characteristics with reference to the treated floor area** The PHPP has not been filled completely; it is not valid as verification

			Criteria	Alternative criteria	Fulfilled? <sup>2</sup>
<b>Space heating</b>	Treated floor area m²	119.7			
	Heating demand kWh/(m²a)	14.3	≤ 15	-	yes
	Heating load W/m²	14	≤ -	10	yes
<b>Space cooling</b>	Cooling & dehum. demand kWh/(m²a)	-	≤ -	-	-
	Cooling load W/m²	-	≤ -	-	-
	Frequency of overheating (> 25 °C) %	7	≤ 10		yes
	Frequency of excessively high humidity (> 12 g/kg) %	9	≤ 20		yes
<b>Airtightness</b>	Pressurization test result n <sub>50</sub> 1/h	0.2	≤ 0.6		yes
<b>Non-renewable Primary Energy (PE)</b>	PE demand kWh/(m²a)	124	≤ -		-
<b>Primary Energy Renewable (PER)</b>	PER demand kWh/(m²a)	60	≤ 60	60	yes
	Generation of renewable energy (in relation to projected building footprint area) kWh/(m²a)	0	≥ -	-	

<sup>2</sup> Empty field; Data missing; '-': No requirement

I confirm that the values given herein have been determined following the PHPP methodology and based on the characteristic values of the building. The PHPP calculations are attached to this verification.

Task: \_\_\_\_\_ First name: \_\_\_\_\_ Surname: \_\_\_\_\_

Issued on: \_\_\_\_\_ City: \_\_\_\_\_

**Passive House Classic?** yes  
Signature: \_\_\_\_\_