

Energy performance certificate (EPC) recommendation report

Sun Hotel
Troutbeck Bridge
WINDERMERE
LA23 1HH

Report number
9142-4089-0334-0290-6591

Valid until
26 December 2027

Energy rating and EPC

This property's energy rating is C.

For more information on the property's energy performance, see the EPC for this property.

Recommendations

Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Improve insulation on HWS storage.	Low
Consider replacing T8 lamps with retrofit T5 conversion kit.	Medium
Add time control to heating system.	Low
In some spaces, the solar gain limit defined in the NCM is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	Medium
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	Low
Add optimum start/stop to the heating system.	Medium
The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements.	Low

Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Some walls have uninsulated cavities - introduce cavity wall insulation.	Medium
Add local temperature control to the heating system.	Low
Add weather compensation controls to heating system.	Medium
Add local time control to heating system.	Medium
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Consider installing an air source heat pump.	High
Consider installing a ground source heat pump.	High
Consider installing building mounted wind turbine(s).	Low
Consider installing solar water heating.	Low

Recommendation	Potential impact on carbon emissions
Roof is poorly insulated. Install or improve insulation of roof.	Medium

Property and report details

Report issued on	27 December 2017
Total useful floor area	695 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	DesignBuilder Software Ltd, DesignBuilder SBEM, v5.0.3, SBEM, v5.3.a.0

Assessor's details

Assessor's name	Matt Burgess
Telephone	08443 270365
Email	epc@compliance365.co.uk
Employer's name	Compliance365
Employer's address	Unit 6 Mariner Court Calder Park Wakefield WF4 3FL
Assessor ID	QUID300243
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Quidos Limited
