

Energy performance certificate (EPC) recommendation report

Thorn Tree Inn 48 Jackson Road MATLOCK DE4 3JQ	Report number 4286-0819-7640-4658-5978
	Valid until 5 November 2034

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 \(/energy-certificate/9732-1986-4385-6236-1306\)](#).

Recommendations

Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	Low
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
Consider replacing T8 lamps with retrofit T5 conversion kit.	Medium
Some walls have uninsulated cavities - introduce cavity wall insulation.	Medium
Add weather compensation controls to heating system.	Medium

Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Some loft spaces are poorly insulated - install/improve insulation.	Medium
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	Low
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	Medium
Consider switching from gas to biomass.	High
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium
Consider installing an air source heat pump.	High
Consider installing a ground source heat pump.	High

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Some floors are poorly insulated - introduce and/or improve insulation. Add insulation to the exposed surfaces of floors adjacent to underground, unheated spaces or exterior.	Medium
Roof is poorly insulated. Install or improve insulation of roof.	Medium
Consider installing building mounted wind turbine(s).	Low
Consider installing solar water heating.	Low
Consider installing PV.	Low

Property and report details

Report issued on	6 November 2024
Total useful floor area	146 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	DesignBuilder Software Ltd, DesignBuilder SBEM, v7.2.0, SBEM, v6.1.e.0

Assessor's details

Assessor's name	Alex Purslow
Telephone	01924 669941
Email	epc@compliance365.co.uk
Employer's name	Compliance365
Employer's address	
Assessor ID	EES/024415
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd

Other reports for this property

If you are aware of previous reports for this property and they are not listed here, please contact us at mhclg.digital-services@communities.gov.uk or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

Report number	0610-0443-2059-6299-2006 (/energy-certificate/0610-0443-2059-6299-2006)
Valid until	7 February 2027



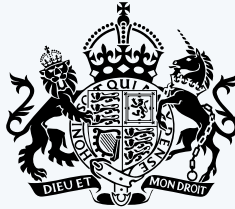
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