

# Energy performance certificate (EPC) recommendation report

134, High Street  
MERTHYR TYDFIL  
CF47 8DN

Report number  
**9243-4071-0652-0700-3221**

Valid until  
**10 October 2025**

## Energy rating and EPC

This property's current energy rating is E.

For more information on the property's energy performance, [see the EPC for this property \(/energy-certificate/0210-2962-0325-4370-7030\)](#).

## Recommendations

Make these changes to improve the property's energy efficiency.

Recommended improvements are grouped by the estimated time it would take for the change to pay for itself. The assessor may also make additional recommendations.

Each recommendation is marked as low, medium or high. This shows the potential impact of the change on reducing the property's carbon emissions.

## Changes that pay for themselves within 3 years

Recommendation	Potential impact
Replace 38mm diameter (T12) fluorescent tubes on failure with 26mm (T8) tubes.	High
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	Low
Consider replacing T8 lamps with retrofit T5 conversion kit.	Low
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	Low
Add time control to heating system.	Medium
In some spaces, the solar gain limit in criterion 3 of ADL2A 2010 is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	Medium
Add optimum start/stop to the heating system.	Medium

**Recommendation****Potential impact**

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 pay for themselves within 3 to 7 years****Recommendation****Potential impact**

Some walls have uninsulated cavities - introduce cavity wall insulation.

Medium

Some windows have high U-values - consider installing secondary glazing.

Medium

Add local temperature control to the heating system.

Low

Add weather compensation controls to heating system.

Medium

Some loft spaces are poorly insulated - install/improve insulation.

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 pay for themselves in more than 7 years****Recommendation****Potential impact**

Some glazing is poorly insulated. Replace/improve glazing and/or frames.

Medium

Consider installing an air source heat pump.

High

Consider installing solar water heating.

Low

Consider installing PV.

Low

**Property and report details****Report issued on**

11 October 2015

**Total useful floor area**

56 square metres

**Building environment**

Heating and Natural Ventilation

**Calculation tool**

CLG, iSBEM, v5.2.d, SBEM, v5.2.d.2

## Assessor's details

### Assessor's name

Iain Goldsworthy

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### Employer's name

IG Energy Consultants

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### Employer's address

15 Clos Llewellyn, Taffs Well, Cardiff

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### Assessor ID

STRO024086

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### Assessor's declaration

The assessor is not related to the owner of the property.

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### Accreditation scheme

Stroma Certification Ltd

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### 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 [dluhc.digital-services@levellingup.gov.uk](mailto:dluhc.digital-services@levellingup.gov.uk) or call our helpdesk on 020 3829 0748.

There are no related reports for this property.