

# Energy performance certificate (EPC)

9 Thornhill Drive  
MAGHERAFELT  
BT45 5JJ

Energy rating

**E**

Valid until: **29 September 2031**

Certificate number: **2421-9489-6510-7288-6682**

Property type

Detached bungalow

Total floor area

135 square metres

## Energy efficiency rating for this property

This property's current energy rating is E. It has the potential to be D.

[See how to improve this property's energy performance.](#)

Score	Energy rating	Current	Potential
92+	<b>A</b>		
81-91	<b>B</b>		
69-80	<b>C</b>		
55-68	<b>D</b>		60   <b>D</b>
39-54	<b>E</b>	41   <b>E</b>	
21-38	<b>F</b>		
1-20	<b>G</b>		

The graph shows this property's current and potential energy efficiency.

Properties are given a rating from A (most efficient) to G (least efficient).

Properties are also given a score. The higher the number the lower your fuel bills are likely to be.

For properties in Northern Ireland:

the average energy rating is D  
the average energy score is 60

## Breakdown of property's energy performance

This section shows the energy performance for features of this property. The assessment does not consider the condition of a feature and how well it is working.

Each feature is assessed as one of the following:

- very good (most efficient)
- good
- average
- poor
- very poor (least efficient)

When the description says "assumed", it means that the feature could not be inspected and an assumption has been made based on the property's age and type.

Feature	Description	Rating
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 100 mm loft insulation	Average
Roof	Pitched, insulated (assumed)	Good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, oil	Poor
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system, no cylinder thermostat	Very poor
Lighting	Low energy lighting in 64% of fixed outlets	Good
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, limited insulation (assumed)	N/A
Secondary heating	Room heaters, coal	N/A

### Primary energy use

The primary energy use for this property per year is 290 kilowatt hours per square metre (kWh/m<sup>2</sup>).

### Environmental impact of this property

One of the biggest contributors to climate change is carbon dioxide (CO<sub>2</sub>). The energy used for heating, lighting and power in our homes produces over a quarter of the UK's CO<sub>2</sub> emissions.

An average household produces 6 tonnes of CO<sub>2</sub>

This property produces 11.0 tonnes of CO<sub>2</sub>

This property's potential production 7.7 tonnes of CO<sub>2</sub>

By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 3.3 tonnes per year. This will help to protect the environment.

Environmental impact ratings are based on assumptions about average occupancy and energy use. They may not reflect how energy is consumed by the people living at the property.

## How to improve this property's energy performance

Making any of the recommended changes will improve this property's energy efficiency.

If you make all of the recommended changes, this will improve the property's energy rating and score from E (41) to D (60).

Recommendation	Typical installation cost	Typical yearly saving
1. Increase loft insulation to 270 mm	£100 - £350	£94
2. Low energy lighting	£25	£25
3. Hot water cylinder thermostat	£200 - £400	£23
4. Heating controls (room thermostat)	£350 - £450	£93
5. Condensing boiler	£2,200 - £3,000	£254
6. Solar water heating	£4,000 - £6,000	£46
7. Solar photovoltaic panels	£3,500 - £5,500	£294

### Paying for energy improvements

[Find energy grants and ways to save energy in your home. \(https://www.gov.uk/improve-energy-efficiency\)](https://www.gov.uk/improve-energy-efficiency)

### Estimated energy use and potential savings

Estimated yearly energy cost for this property	£1613
Potential saving	£489

The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is not based on how energy is used by the people living at the property.

The estimated saving is based on making all of the recommendations in [how to improve this property's energy performance](#).

### Heating use in this property

Heating a property usually makes up the majority of energy costs.

### Potential energy savings by installing insulation

The assessor did not find any opportunities to save energy by installing insulation in this property.

## Contacting the assessor and accreditation scheme

This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

If you are still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

### Assessor contact details

Assessor's name	Declan Diamond
Telephone	07921002828
Email	<a href="mailto:declandiamond@hotmail.com">declandiamond@hotmail.com</a>

### Accreditation scheme contact details

Accreditation scheme	ECMK
Assessor ID	ECMK300674
Telephone	0333 123 1418
Email	<a href="mailto:info@ecmk.co.uk">info@ecmk.co.uk</a>

### Assessment details

Assessor's declaration	No related party
Date of assessment	29 September 2021
Date of certificate	30 September 2021
Type of assessment	<a href="#">RdSAP</a>

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