

# Energy performance certificate (EPC)

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41, Cambridge Road  
MIDDLESBROUGH  
TS5 5NL

Energy rating

**E**

Valid until 19 August 2030

Certificate number

**0678-2811-7289-2690-**

**9251**

**Property type** Detached house

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**Total floor area** 217 square metres

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## Rules on letting this property

Properties can be rented if they have an energy rating from A to E.

If the property is rated F or G, it cannot be let, unless an exemption has been registered. You can read [guidance for landlords on the regulations and exemptions](https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance) (<https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance>).

## Energy efficiency rating for this property

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

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		77   C
55-68	D		
39-54	E	41   E	
21-38	F		
1-20	G		

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.

The average energy rating and score for a property in England and Wales are D (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	Solid brick, as built, no insulation (assumed)	Poor
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 200 mm loft insulation	Good
Roof	Flat, insulated (assumed)	Average
Window	Partial double glazing	Poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in 40% of fixed outlets	Average
Floor	Solid, no insulation (assumed)	N/A
Floor	To unheated space, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

## Primary energy use

The primary energy use for this property per year is 394 kilowatt hours per square metre (kWh/m<sup>2</sup>).

### ► [What is primary energy use?](#)

Primary energy use is a measure of the energy required for lighting, heating and hot water in a property. The calculation includes:

- the efficiency of the property's heating system

- power station efficiency for electricity
- the energy used to produce the fuel and deliver it to the property

### 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.

<b>An average household produces</b>	6 tonnes of CO <sub>2</sub>
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<b>This property produces</b>	15.0 tonnes of CO <sub>2</sub>
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<b>This property's potential production</b>	5.9 tonnes of CO <sub>2</sub>
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By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 9.1 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 C (77).

Potential energy  
rating

C

### ▶ [What is an energy rating?](#)

An energy rating shows a property's energy efficiency.

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

Properties are also given a score. The higher this number, the lower your CO<sub>2</sub> emissions are likely to be.

## Recommendation 1: Internal or external wall insulation

Internal or external wall insulation

**Typical installation cost** £4,000 - £14,000

**Typical yearly saving** £662

**Potential rating after carrying out recommendation 1**

54 | E

## Recommendation 2: Floor insulation (solid floor)

Floor insulation (solid floor)

<b>Typical installation cost</b>	£4,000 - £6,000
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<b>Typical yearly saving</b>	£110
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<b>Potential rating after carrying out recommendations 1 and 2</b>	56   D
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## Recommendation 3: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

<b>Typical installation cost</b>	£15 - £30
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<b>Typical yearly saving</b>	£50
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<b>Potential rating after carrying out recommendations 1 to 3</b>	57   D
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## Recommendation 4: Draught proofing

Draught proofing

<b>Typical installation cost</b>	£80 - £120
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<b>Typical yearly saving</b>	£42
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**Potential rating  
after carrying out  
recommendations  
1 to 4**

58 | D

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## **Recommendation 5: Low energy lighting**

Low energy lighting

**Typical installation  
cost** £60

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**Typical yearly  
saving** £59

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**Potential rating  
after carrying out  
recommendations  
1 to 5**

59 | D

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## **Recommendation 6: Replace boiler with new condensing boiler**

Condensing boiler

**Typical installation  
cost** £2,200 - £3,000

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**Typical yearly  
saving** £564

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**Potential rating  
after carrying out  
recommendations  
1 to 6**

70 | C

## Recommendation 7: Double glazed windows

Replace single glazed windows with low-E double glazed windows

**Typical installation cost** £3,300 - £6,500

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**Typical yearly saving** £68

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**Potential rating after carrying out recommendations 1 to 7**

72 | C

## Recommendation 8: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

**Typical installation cost** £3,500 - £5,500

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**Typical yearly saving** £326

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**Potential rating after carrying out recommendations 1 to 8**

77 | C

## 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**

£2965



## Estimated yearly energy cost for this property

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<b>Potential saving</b>	<b>£1555</b>
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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](#).

For advice on how to reduce your energy bills visit [Simple Energy Advice \(https://www.simpleenergyadvice.org.uk/\)](https://www.simpleenergyadvice.org.uk/).

## Heating use in this property

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

### Estimated energy used to heat this property

<b>Space heating</b>	<b>35903 kWh per year</b>
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<b>Water heating</b>	<b>4886 kWh per year</b>
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### Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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<b>Solid wall insulation</b>	<b>10279 kWh per year</b>
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You might be able to receive [Renewable Heat Incentive payments \(https://www.gov.uk/domestic-renewable-heat-incentive\)](https://www.gov.uk/domestic-renewable-heat-incentive). This will help to reduce carbon emissions by replacing your existing heating system with one that generates renewable heat. The estimated energy required for space and water heating will form the basis of the payments.

### 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

<b>Assessor's name</b>	Claire Richardson
<b>Telephone</b>	07970266075
<b>Email</b>	<a href="mailto:claire@aaenergy.co.uk">claire@aaenergy.co.uk</a>

## Accreditation scheme contact details

<b>Accreditation scheme</b>	ECMK
<b>Assessor ID</b>	ECMK302780
<b>Telephone</b>	0333 123 1418
<b>Email</b>	<a href="mailto:info@ecmk.co.uk">info@ecmk.co.uk</a>

## Assessment details

<b>Assessor's declaration</b>	No related party
<b>Date of assessment</b>	19 August 2020
<b>Date of certificate</b>	20 August 2020

▶ [RdSAP](#)

**Type of  
assessment**

RdSAP  
(Reduced data  
Standard  
Assessment  
Procedure) is a  
method used to  
assess and  
compare the  
energy and  
environmental  
performance of  
properties in  
the UK. It uses  
a site visit and  
survey of the  
property to  
calculate  
energy  
performance.

This type of  
assessment  
can be carried  
out on  
properties built  
before 1 April  
2008 in  
England and  
Wales, and 30  
September  
2008 in  
Northern  
Ireland. It can  
also be used  
for newer  
properties, as  
long as they  
have a  
previous SAP  
assessment,  
which uses  
detailed  
information  
about the

property's  
construction to  
calculate  
energy  
performance.

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### Other certificates for this property

If you are aware of previous certificates for this property and they are not listed here, please contact us at [mhclg.digital-services@communities.gov.uk](mailto:mhclg.digital-services@communities.gov.uk), or call our helpdesk on 020 3829 0748.

There are no related certificates for this property.