

Energy performance certificate (EPC)

Certificate contents

- Rules on letting this property
- Energy rating and score
- Breakdown of property's energy performance
- How this affects your energy bills
- Impact on the environment
- Steps you could take to save energy
- Who to contact about this certificate
- Other certificates for this property

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79, Defoe Drive
STOKE-ON-TRENT
ST3 5HN

Energy rating

D

Valid until

1 July 2028

Certificate number

8402-5725-3829-4207-1383

Property type	Semi-detached bungalow
Total floor area	64 square metres

Rules on letting this property

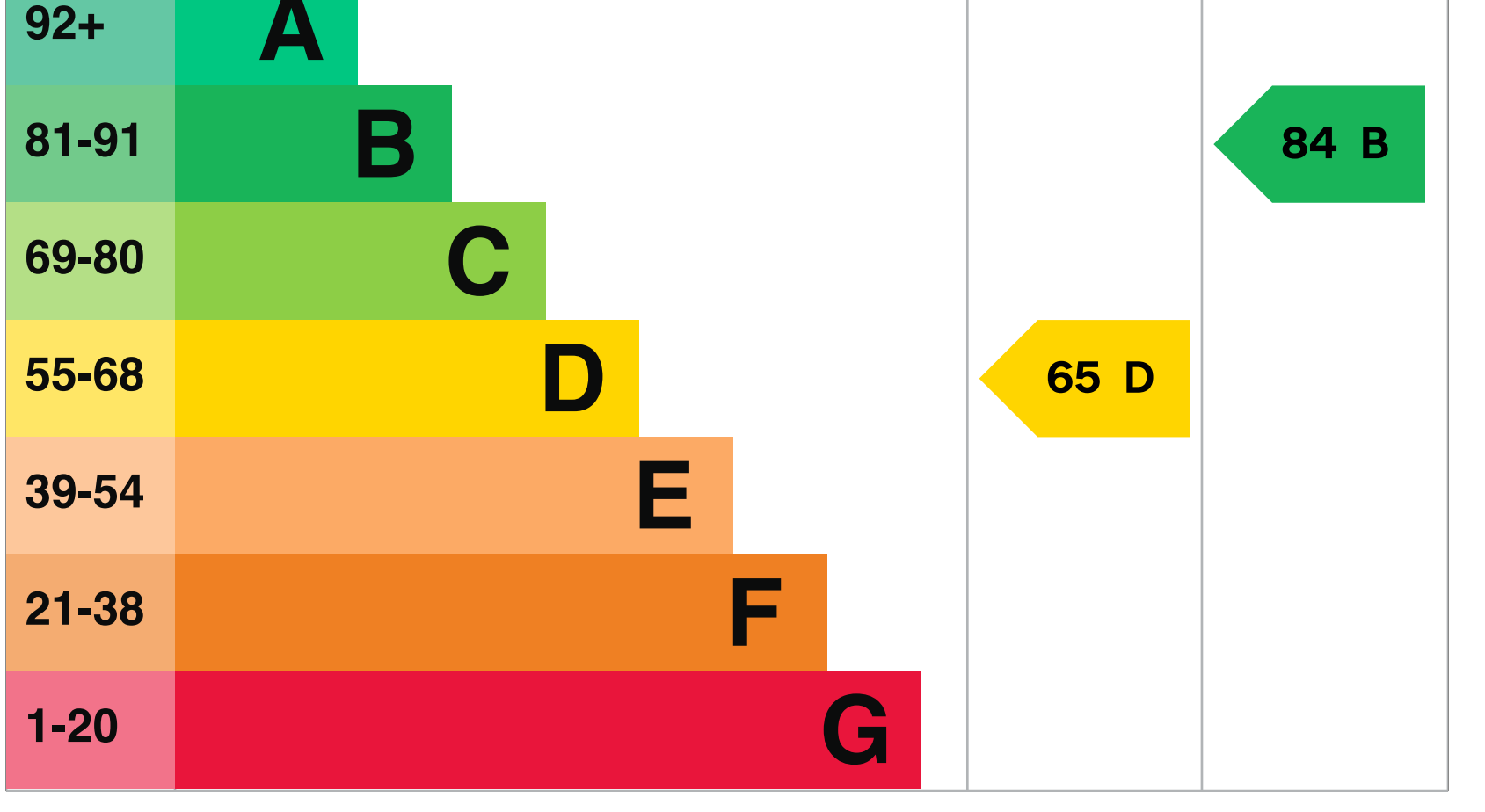
Properties can be let if they have an energy rating from A to E.

You can read [guidance for landlords on the regulations and exemptions](#).

Energy rating and score

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

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



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

Properties get a rating from A (best) to G (worst) and a score. The better the rating and score, the lower your energy bills are likely to be.

For properties in England and Wales:

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

Breakdown of property's energy performance

Features in this property

Features get a rating from very good to very poor, based on how energy efficient they are. Ratings are not based on how well features work or their condition.

Assumed ratings are based on the property's age and type. They are used for features the assessor could not inspect.

Feature	Description	Rating
Wall	Cavity wall, as built, no insulation (assumed)	Poor
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 150 mm loft insulation	Good
Roof	Pitched, insulated (assumed)	Average
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Good
Lighting	Low energy lighting in 50% of fixed outlets	Good
Floor	Solid, 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 295 kilowatt hours per square metre (kWh/m²).

[About primary energy use](#)

How this affects your energy bills

An average household would need to spend **£741 per year on heating, hot water and lighting** in this property. These costs usually make up the majority of your energy bills.

You could **save £165 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2018** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

Heating this property

Estimated energy needed in this property is:

- 9,328 kWh per year for heating
- 1,915 kWh per year for hot water

Impact on the environment

This property's environmental impact rating is D. It has the potential to be B.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO₂) they produce each year.

Carbon emissions

An average household produces	6 tonnes of CO ₂
This property produces	3.3 tonnes of CO ₂
This property's potential production	1.5 tonnes of CO ₂

You could improve this property's CO₂ emissions by making the suggested changes. This will help to protect the environment.

These ratings are based on assumptions about average occupancy and energy use. People living at the property may use different amounts of energy.

Steps you could take to save energy

[Do I need to follow these steps in order?](#)

Step 1: Cavity wall insulation

Typical installation cost	£500 - £1,500
Typical yearly saving	£62
Potential rating after completing step 1	67 D

Step 2: Floor insulation (solid floor)

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£53
Potential rating after completing steps 1 and 2	70 C

Step 3: Low energy lighting

Typical installation cost	£30
Typical yearly saving	£20
Potential rating after completing steps 1 to 3	71 C

Step 4: Solar water heating

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£30
Potential rating after completing steps 1 to 4	72 C

Step 5: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£5,000 - £8,000
Typical yearly saving	£283
Potential rating after completing steps 1 to 5	84 B

Advice on making energy saving improvements

[Get detailed recommendations and cost estimates](#)

Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Free energy saving improvements: [Warm Homes Local Grant \(WHLG\)](#)
- Heat pumps and biomass boilers: [Boiler Upgrade Scheme](#)
- Help from your energy supplier: [Energy Company Obligation](#)

Who to contact about this certificate

Contacting the assessor

If you're unhappy about your property's energy assessment or certificate, you can complain to the assessor who created it.

Assessor's name	Gary Sharpe
Telephone	08450945192
Email	enquiries@vibrantenergymatters.co.uk

Contacting the accreditation scheme

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

Accreditation scheme	ECMK
Assessor's ID	ECMK300205
Telephone	0333 123 1418
Email	info@ecmk.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	2 July 2018
Date of certificate	2 July 2018
Type of assessment	RdSAP

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 mhcg.digital-services@communities.gov.uk or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.

