

Energy performance certificate (EPC)

173 TURNER STREET BIRCHES HEAD STOKE-ON-TRENT ST1 6LU	Energy rating E	Valid until:	14 November 2030
		Certificate number:	9340-2909-1000-2020-6121

Property type	Mid-terrace house
Total floor area	81 square metres

Rules on letting this property

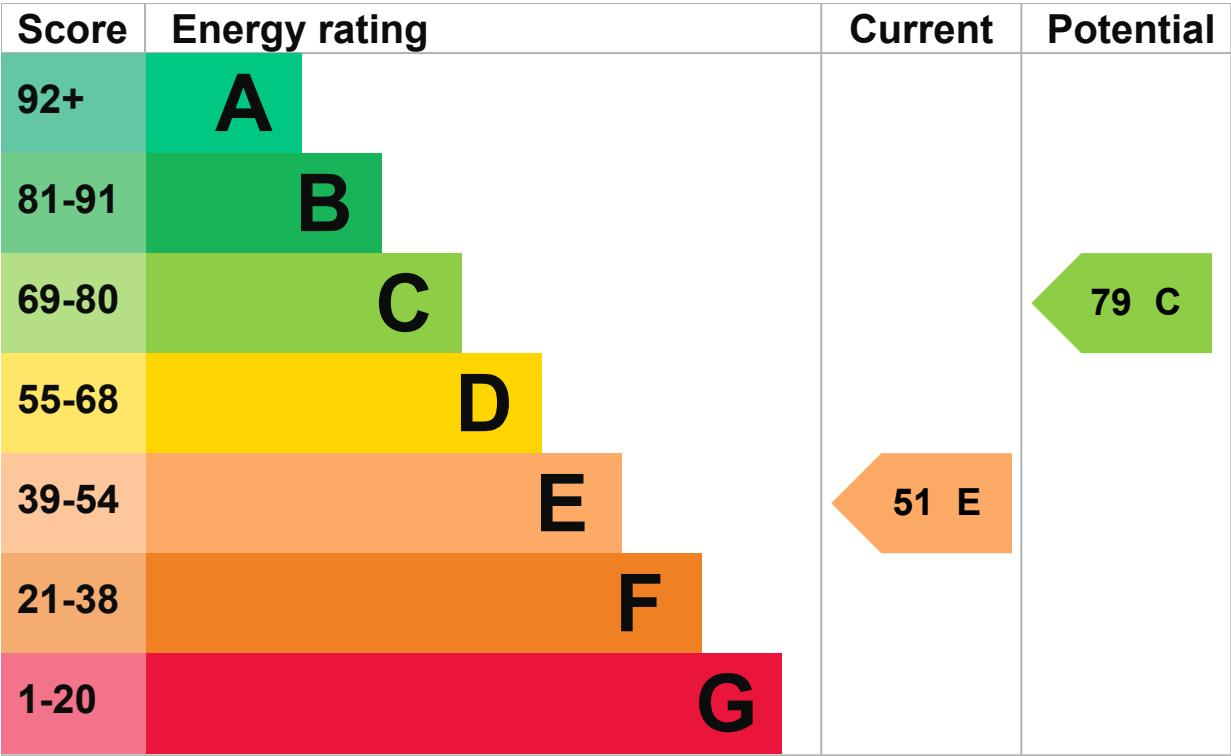
Properties can be let if they have an energy rating from A to E.

You can read [guidance for landlords on the regulations and exemptions \(https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

Energy rating and score

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

[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	Solid brick, as built, no insulation (assumed)	Very poor
Roof	Pitched, no insulation (assumed)	Very poor
Window	Mostly double glazing	Average
Main heating	Boiler and radiators, mains gas	Good

Feature	Description	Rating
Main heating control	Programmer, no room thermostat	Very poor
Hot water	From main system	Good
Lighting	Low energy lighting in 80% of fixed outlets	Very good
Floor	Suspended, no insulation (assumed)	N/A
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 391 kilowatt hours per square metre (kWh/m²).

► [About primary energy use](#)

How this affects your energy bills

An average household would need to spend **£1,168 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 £407 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2020** 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:

- 14,718 kWh per year for heating
- 2,116 kWh per year for hot water

Impact on the environment

This property's environmental impact rating is E. It has the potential to be C.

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 CO2
This property produces	5.6 tonnes of CO2
This property's potential production	2.5 tonnes of CO2

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: Internal wall insulation

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

Typical yearly saving £93

Potential rating after completing step 1

55 D

Step 2: Floor insulation (suspended floor)

Typical installation cost £800 - £1,200

Typical yearly saving £23

Potential rating after completing steps 1 and 2

56 D

Step 3: Heating controls (room thermostat and TRVs)

Typical installation cost £350 - £450

Typical yearly saving £140

Potential rating after completing steps 1 to 3

62 D

Step 4: Replace boiler with new condensing boiler

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

Typical yearly saving £126

Potential rating after completing steps 1 to 4

67 D

Step 5: Flue gas heat recovery device in conjunction with boiler

Typical installation cost £400 - £900

Typical yearly saving £26

Potential rating after completing steps 1 to 5

68 D

Step 6: Solar photovoltaic panels, 2.5 kWp

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

Typical yearly saving £329

Potential rating after completing steps 1 to 6

79 C

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 Darren White

Telephone 01606276161

Emaildarren@theepchut.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

Elmhurst Energy Systems Ltd

Assessor's ID

EES/007307

Telephone

01455 883 250

Emailenquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration

No related party

Date of assessment

21 October 2020

Date of certificate

15 November 2020

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

Certificate number[8307-3916-3520-9406-5113 \(/energy-certificate/8307-3916-3520-9406-5113\)](#)**Expired on**

8 September 2019

Certificate number[8307-2986-3520-1496-5813 \(/energy-certificate/8307-2986-3520-1496-5813\)](#)**Expired on**

17 August 2019



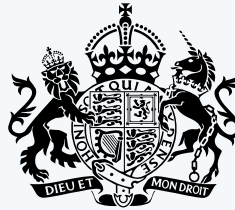
[Help \(/help\)](/help) [Accessibility \(/accessibility-statement\)](/accessibility-statement) [Cookies \(/cookies\)](/cookies)

[Give feedback \(https://forms.office.com/e/KX25htGMX5\)](https://forms.office.com/e/KX25htGMX5)

[Service performance \(/service-performance\)](/service-performance)

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