Energy performance certificate (EPC)

21 ST. CHRISTOPHER AVENUE STOKE-ON-TRENT ST4 5NA

Energy rating Valid until: 23 May 2031

Certificate number: 2541-0045-0235-9409-5204

Property type Semi-detached house

Total floor area 56 square metres

Rules on letting this property

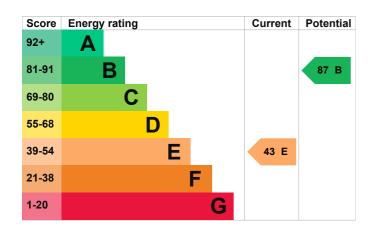
Properties can be let if they have an energy rating from A to E.

You can read <u>guidance</u> for landlords on the <u>regulations</u> and <u>exemptions</u> (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 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	Solid brick, as built, no insulation (assumed)	Very poor
Roof	Pitched, 150 mm loft insulation	Good
Window	Single glazed	Very poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system	Good
Lighting	Low energy lighting in all fixed outlets	Very good
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 529 kilowatt hours per square metre (kWh/m2).

How this affects your energy bills

An average household would need to spend £1,067 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 £588 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2021** 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:

- 15,400 kWh per year for heating
- 1,797 kWh per year for hot water

Impact on the environment	This property produces	5.2 tonnes of CO2
This property's environmental impact rating is F. It has the potential to be B.	This property's potential production	1.0 tonnes of CO2

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

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

Carbon emissions

An average household produces

6 tonnes of CO2

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

Step	Typical installation cost	Typical yearly saving
1. Internal wall insulation	£4,000 - £14,000	£343
2. Floor insulation (solid floor)	£4,000 - £6,000	£43
3. Draught proofing	£80 - £120	£11
4. Heating controls (TRVs)	£350 - £450	£22
5. Condensing boiler	£2,200 - £3,000	£77
6. Flue gas heat recovery	£400 - £900	£20
7. Solar water heating	£4,000 - £6,000	£18
8. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£56
9. Solar photovoltaic panels	£3,500 - £5,500	£335

Advice on making energy saving improvements

Get detailed recommendations and cost estimates (www.gov.uk/improve-energy-efficiency)

Help paying for energy saving improvements

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

- Insulation: Great British Insulation Scheme (www.gov.uk/apply-great-british-insulation-scheme)
- Heat pumps and biomass boilers: <u>Boiler Upgrade Scheme (www.gov.uk/apply-boiler-upgrade-scheme)</u>
- Help from your energy supplier: <u>Energy Company Obligation (www.gov.uk/energy-company-obligation)</u>

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	Douglas Fletcher
Telephone	01782 853 042
Email	dj.f1@ntlworld.com

Contacting the accreditation scheme

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

Accreditation scheme	Stroma Certification Ltd	
Assessor's ID	STRO002878	
Telephone	0330 124 9660	
Email	certification@stroma.com	
About this assessment Assessor's declaration	No related party	
Date of assessment	24 May 2021	
Date of assessifient	Z+ May 2021	
Date of certificate	24 May 2021	