# Energy performance certificate (EPC)

R9051-TVA-20-XX-EPC-A-0122
Rev -

6, Ridge Lane
STOKE-ON-TRENT
ST11 9FN

Energy rating

B

**Valid until 14 October 2030**

Certificate number

**9450-3900-1300-5850-2200**

## Property type

Semi-detached house

## Total floor area

90 square metres

### Rules on letting this property

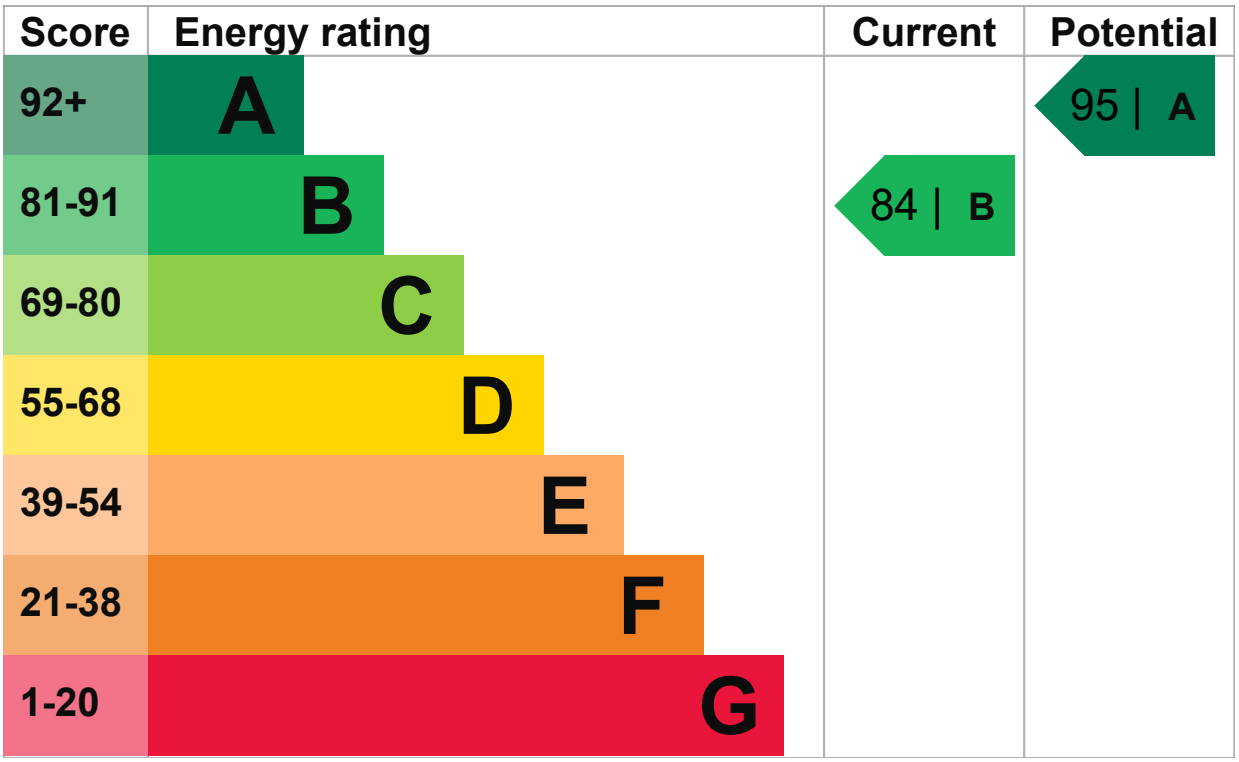
Properties can be rented if they have an energy rating from A to E.

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).

### Energy efficiency rating for this property

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

See how to improve this property's energy performance.




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 this number, the lower your carbon dioxide (CO2) emissions 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 |
|---|---|---|
| Walls | Average thermal transmittance 0.21 W/m²K | Very good |
| Roof | Average thermal transmittance 0.10 W/m²K | Very good |
| Floor | Average thermal transmittance 0.15 W/m²K | Very good |
| Windows | High performance glazing | Very good |
| Main heating | Boiler and radiators, mains gas | Good |

| Feature | Description | Rating |
|---|---|---|
| Main heating control | Time and temperature zone control | Very good |
| Hot water | From main system | Good |
| Lighting | Low energy lighting in all fixed outlets | Very good |
| Air tightness | Air permeability 4.2 m³/h.m² (as tested) | Good |
| Secondary heating | None | N/A |

# Primary energy use

The primary energy use for this property per year is 92 kilowatt hours per square metre (kWh/m2).

▶ What is primary energy use?

### Environmental impact of this property

One of the biggest contributors to climate change is carbon dioxide (CO2). The energy used for heating, lighting and power in our homes produces over a quarter of the UK's CO2 emissions.

## An average household produces

6 tonnes of CO2

## This property produces

1.5 tonnes of CO2

## This property's potential production

0.4 tonnes of CO2

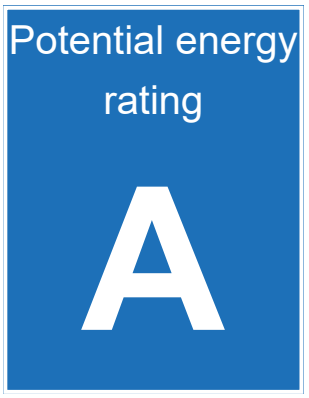
By making the recommended changes, you could reduce this property's CO2 emissions by 1.1 tonnes per year. This will help to protect the environment.

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 B (84) to A (95).




▶ What is an energy rating?

## Recommendation 1: Solar water heating

Solar water heating

### Typical installation cost

£4,000 - £6,000

### Typical yearly saving

£29

### Potential rating after carrying out recommendation 1

85 | B

## Recommendation 2: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

### Typical installation cost

£3,500 - £5,500

### Typical yearly saving

£328

### Potential rating after carrying out recommendations 1 and 2

95 | A

## Paying for energy improvements

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

#### Estimated energy use and potential savings

### Estimated yearly energy cost for this property

£405

## Potential saving

£29

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/).

# Heating use in this property

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

## Estimated energy used to heat this property

## Space heating

3230.0 kWh per year

## Water heating

1710.0 kWh per year

## Potential energy savings by installing insulation

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

You might be able to receive Renewable Heat Incentive payments (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


## Assessor's name

Georgina O'Connor

## Telephone

01794367703

## Email

georgie.oconnor@thrivearchitects.co.uk

# Accreditation scheme contact details

### Accreditation scheme
Elmhurst Energy Systems Ltd

### Assessor ID
EES/022709

### Telephone
01455 883 250

### Email
enquiries@elmhurstenergy.co.uk

# Assessment details

### Assessor's declaration
No related party

### Date of assessment
15 October 2020

### Date of certificate
15 October 2020

### Type of assessment
▶ SAP

#### 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.

There are no related certificates for this property.