# Energy performance certificate (EPC)

154 ROTHBURY TERRACE
NEWCASTLE UPON TYNE
NE6 5DD

Energy rating

E

**Valid until 28 October 2030**

Certificate number

**2190-7016-0722-2021-3003**

| | |
|---|---|
| **Property type** | Top-floor flat |
| **Total floor area** | 75 square metres |

### Rules on letting this property

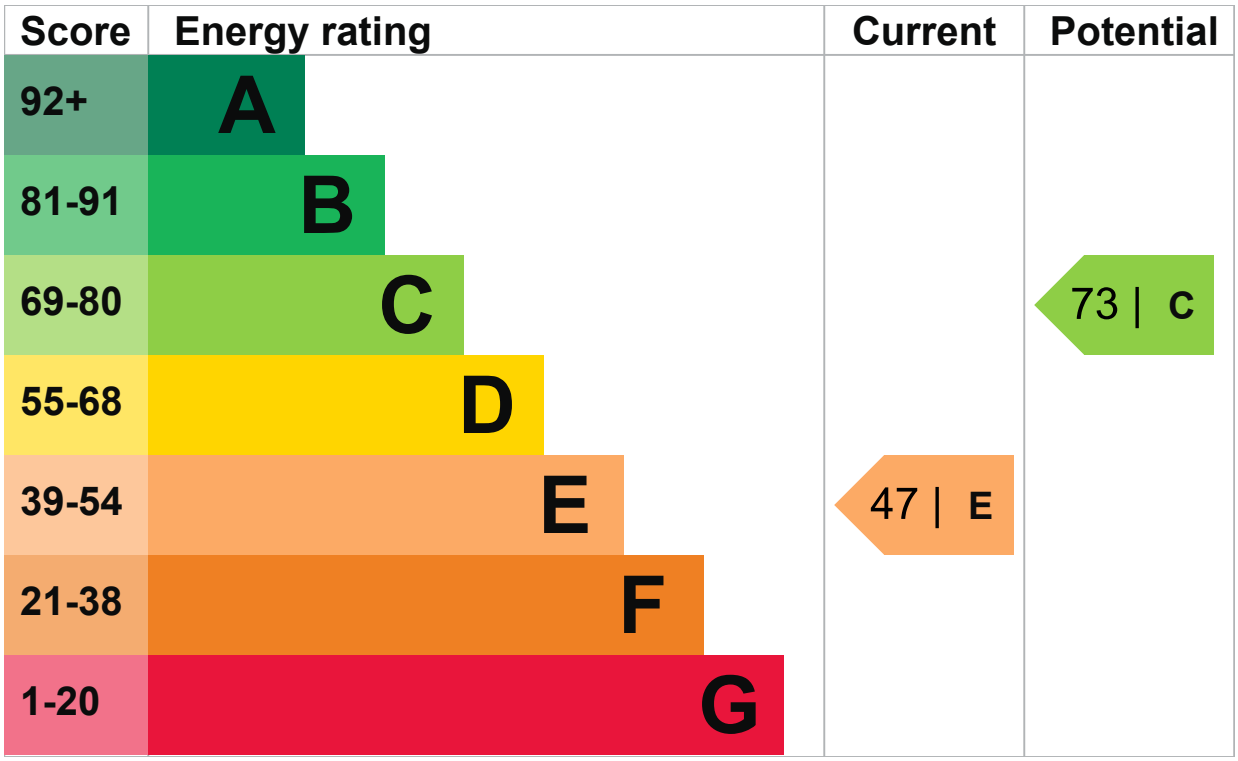
Properties can be rented if they have an energy rating from A to E.

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 E. It has the potential to be C.

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 |
|---|---|---|

| Feature | Description | Rating |
|---|---|---|
| Wall | Cavity wall, as built, no insulation (assumed) | Poor |
| Roof | Pitched, 100 mm loft insulation | Average |
| Roof | Pitched, no insulation (assumed) | Very poor |
| Window | Partial double glazing | Poor |
| Main heating | Boiler and radiators, mains gas | Good |
| Main heating control | No time or thermostatic control of room temperature | Very poor |
| Hot water | From main system | Good |
| Lighting | Low energy lighting in 20% of fixed outlets | Poor |
| Floor | (another dwelling below) | N/A |
| Secondary heating | Room heaters, mains gas | N/A |

# Primary energy use

The primary energy use for this property per year is 434 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** | 5.8 tonnes of CO2 |
| **This property's potential production** | 2.5 tonnes of CO2 |

By making the recommended changes, you could reduce this property's CO2 emissions by 3.3 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 (47) to C (73).

▶ What is an energy rating?

Potential energy rating

C

## Recommendation 1: Increase loft insulation to 270 mm

Increase loft insulation to 270 mm

| | |
|---|---|
| **Typical installation cost** | £100 - £350 |
| **Typical yearly saving** | £41 |
| **Potential rating after carrying out recommendation 1** | 48 \| E |

## Recommendation 2: Flat roof or sloping ceiling insulation

Flat roof or sloping ceiling insulation

| | |
|---|---|
| **Typical installation cost** | £850 - £1,500 |
| **Typical yearly saving** | £123 |
| **Potential rating after carrying out recommendations 1 and 2** | 54 \| E |

## Recommendation 3: Cavity wall insulation

Cavity wall insulation

| | |
|---|---|
| **Typical installation cost** | £500 - £1,500 |
| **Typical yearly saving** | £167 |

| | |
|---|---|
| **Potential rating after carrying out recommendations 1 to 3** | 61 \| D |

## Recommendation 4: Party wall insulation

Party wall insulation

| | |
|---|---|
| **Typical installation cost** | £300 - £600 |
| **Typical yearly saving** | £24 |
| **Potential rating after carrying out recommendations 1 to 4** | 62 \| D |

## Recommendation 5: Low energy lighting

Low energy lighting

| | |
|---|---|
| **Typical installation cost** | £40 |
| **Typical yearly saving** | £43 |
| **Potential rating after carrying out recommendations 1 to 5** | 63 \| D |

## Recommendation 6: Heating controls (programmer, room thermostat and TRVs)

Heating controls (programmer, thermostat, TRVs)

| | |
|---|---|
| **Typical installation cost** | £350 - £450 |
| **Typical yearly saving** | £95 |
| **Potential rating after carrying out recommendations 1 to 6** | 67 \| D |

## Recommendation 7: Replace boiler with new condensing

# boiler

Condensing boiler

| | |
|---|---|
| **Typical installation cost** | £2,200 - £3,000 |
| **Typical yearly saving** | £99 |
| **Potential rating after carrying out recommendations 1 to 7** | 72 \| C |

# Recommendation 8: Double glazed windows

Replace single glazed windows with low-E double glazed windows

| | |
|---|---|
| **Typical installation cost** | £3,300 - £6,500 |
| **Typical yearly saving** | £29 |
| **Potential rating after carrying out recommendations 1 to 8** | 73 \| C |

# 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** | £1218 |
| **Potential saving** | £621 |

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** | 13390.0 kWh per year |
| **Water heating** | 2060.0 kWh per year |

## Potential energy savings by installing insulation

| Type of insulation | Amount of energy saved |
|---|---|
| **Loft insulation** | 643 kWh per year |
| **Cavity wall insulation** | 2447 kWh per year |

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** | Allison Jones |
| **Telephone** | 07961 391254 |
| **Email** | allyshouse@hotmail.com |

# Accreditation scheme contact details

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|---|---|
| **Accreditation scheme** | Elmhurst Energy Systems Ltd |
| **Assessor ID** | EES/004951 |
| **Telephone** | 01455 883 250 |
| **Email** | enquiries@elmhurstenergy.co.uk |

## Assessment details

| | |
|---|---|
| **Assessor's declaration** | No related party |
| **Date of assessment** | 29 October 2020 |
| **Date of certificate** | 29 October 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.

There are no related certificates for this property.