

# Energy performance certificate (EPC)

Northern House  
73 Carter Knowle Road  
SHEFFIELD  
S7 2DW

Energy rating

**E**

Valid until: **6 December 2032**

Certificate number: **9340-2373-3220-2502-0281**

Property type

Detached house

Total floor area

219 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 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.](#)

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		80   C
55-68	D		
39-54	E	51   E	
21-38	F		
1-20	G		

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 the number the lower your fuel 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

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
Wall	Cavity wall, as built, no insulation (assumed)	Poor
Roof	Pitched, 400+ mm loft insulation	Very good
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Good
Lighting	Low energy lighting in 92% of fixed outlets	Very good
Floor	To unheated space, no insulation (assumed)	N/A
Secondary heating	None	N/A

### Primary energy use

The primary energy use for this property per year is 330 kilowatt hours per square metre (kWh/m<sup>2</sup>).

### Additional information

Additional information about this property:

- Cavity fill is recommended

## Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO<sub>2</sub>) they produce.

Properties with an A rating produce less CO<sub>2</sub> than G rated properties.

An average household produces 6 tonnes of CO<sub>2</sub>

This property produces 13.0 tonnes of CO<sub>2</sub>

This property's potential production 5.3 tonnes of CO<sub>2</sub>

By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 7.7 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.

## Improve this property's energy performance

By following our step by step recommendations you could reduce this property's energy use and potentially save money.

Carrying out these changes in order will improve the property's energy rating and score from E (51) to C (80).

Step	Typical installation cost	Typical yearly saving
1. Room-in-roof insulation	£1,500 - £2,700	£473
2. Cavity wall insulation	£500 - £1,500	£300
3. Floor insulation (suspended floor)	£800 - £1,200	£179
4. Heating controls (room thermostat)	£350 - £450	£74
5. Condensing boiler	£2,200 - £3,000	£124
6. Solar photovoltaic panels	£3,500 - £5,500	£338

## Paying for energy improvements

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/guidance/check-if-you-may-be-eligible-for-the-boiler-upgrade-scheme-from-april-2022\)](https://www.gov.uk/guidance/check-if-you-may-be-eligible-for-the-boiler-upgrade-scheme-from-april-2022). This will help you buy a more efficient, low carbon heating system for this property.

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

## Estimated energy use and potential savings

Estimated yearly energy cost for this property	£2404
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Potential saving	£1151
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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 potential saving shows how much money you could save if you [complete each recommended step in order](#).

For advice on how to reduce your energy bills visit [Simple Energy Advice](#)

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[. \(https://www.gov.uk/improve-energy-efficiency\)](https://www.gov.uk/improve-energy-efficiency).

## Heating use in this property

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

## Estimated energy used to heat this property

Type of heating	Estimated energy used
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<b>Space heating</b>	40202 kWh per year
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<b>Water heating</b>	2357 kWh per year
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## Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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<b>Cavity wall insulation</b>	5391 kWh per year
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## 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	Peter Wainwright
Telephone	07950652861
Email	<a href="mailto:epc.energy@talktalk.net">epc.energy@talktalk.net</a>

### Accreditation scheme contact details

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor ID	EES/008463
Telephone	01455 883 250
Email	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

### Assessment details

Assessor's declaration	No related party
Date of assessment	7 December 2022
Date of certificate	7 December 2022
Type of assessment	<a href="#">RdSAP</a>

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