Energy performance certificate (EPC)			
13, Callowbrook Lane Rubery, Rednal BIRMINGHAM B45 9HN	Energy rating	Valid until:	26 February 2028
		Certificate number:	0058-2869-7628-9428-0621
Property type Semi-detached house			
Total floor area	88 square metres		

Rules on letting this property

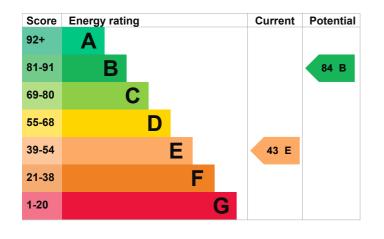
Properties can be let if they have an energy rating from A to E.

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).

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)	Poor
Roof	Pitched, 270 mm loft insulation	Good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, no room thermostat	Very poor
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in 78% of fixed outlets	Very good
Floor	Suspended, no insulation (assumed)	N/A
Secondary heating	Room heaters, electric	N/A

Primary energy use

The primary energy use for this property per year is 443 kilowatt hours per square metre (kWh/m2).

How this affects your energy bills

An average household would need to spend £1,486 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 £818 per year if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2018** 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:

- 13,473 kWh per year for heating
- 4,043 kWh per year for hot water

Impact on the environment

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

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	6 tonnes of CO2
produces	

This property produces6.9 tonnes of CO2This property's potential
production1.7 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

Step	Typical installation cost	Typical yearly saving
1. Internal or external wall insulation	£4,000 - £14,000	£328
2. Floor insulation (suspended floor)	£800 - £1,200	£106
3. Increase hot water cylinder insulation	£15 - £30	£34
4. Heating controls (room thermostat and TRVs)	£350 - £450	£85
5. Condensing boiler	£2,200 - £3,000	£225
6. Solar water heating	£4,000 - £6,000	£40
7. Solar photovoltaic panels	£5,000 - £8,000	£279

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	Chris Dickens
Telephone	07809450321
Email	chris@dickenssurveyors.com

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/019583
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	21 February 2018
Date of certificate	27 February 2018
Type of assessment	RdSAP