Energy performance certificate (EPC)		
31 Lower Park Road LOUGHTON IG10 4NB	Energy rating	Valid until: <b>16 October 2033</b> Certificate number: <b>2100-9050-7070-2095-3995</b>
Property type		Detached house
Total floor area		98 square metres

# Rules on letting this property

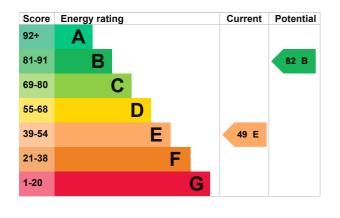
Properties can be let if they have an energy rating from A to E.

You can read <u>guidance for landlords on the regulations and exemptions</u> (<u>https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance</u>).

## **Energy rating and score**

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

<u>See how to improve this property's energy</u> <u>efficiency</u>.



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, 100 mm loft insulation	Average
Roof	Pitched, no insulation (assumed)	Very poor
Window	Single glazed	Very poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Room thermostat only	Poor
Hot water	From main system	Good
Lighting	Low energy lighting in 33% of fixed outlets	Average
Floor	Suspended, no insulation (assumed)	N/A
Floor	To unheated space, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

#### Primary energy use

The primary energy use for this property per year is 361 kilowatt hours per square metre (kWh/m2).

## How this affects your energy bills

An average household would need to spend £3,155 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 £1,579 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 20,586 kWh per year for heating
- 2,024 kWh per year for hot water

## Impact on the environment

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

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

#### **Carbon emissions**

An average household 6 tonnes of CO2 produces

This property produces6.2 tonnes of CO2

This property's2.0 tonnes of CO2potential production

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.

## Changes you could make

Step	Typical installation cost	Typical yearly saving
1. Internal or external wall insulation	£4,000 - £14,000	£849
2. Floor insulation (suspended floor)	£800 - £1,200	£223
3. Draught proofing	£80 - £120	£58
4. Low energy lighting	£40	£83
5. Heating controls (programmer and TRVs)	£350 - £450	£87
6. Solar water heating	£4,000 - £6,000	£82
7. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£197
8. Solar photovoltaic panels	£3,500 - £5,500	£668

#### Help paying for energy improvements

You might be able to get a grant from the <u>Boiler Upgrade Scheme (https://www.gov.uk/apply-boiler-upgrade-scheme)</u>. This will help you buy a more efficient, low carbon heating system for this property.

#### More ways to save energy

Find ways to save energy in your home by visiting www.gov.uk/improve-energy-efficiency.

# 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	lan Willson
Telephone	01245 445215
Email	ianwillson@hotmail.co.uk

#### Contacting the accreditation scheme

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

Accreditation scheme	Quidos Limited	
Assessor's ID	QUID201513	
Telephone	01225 667 570	
Email	info@quidos.co.uk	

### About this assessment

Assessor's declaration	No related party
Date of assessment	17 October 2023
Date of certificate	17 October 2023
Type of assessment	RdSAP