

# Energy Performance Certificate

1, Benjamins Yard, SHIPSTON-ON-STOUR, CV36 4QQ

<b>Dwelling type:</b>	Mid-terrace house	<b>Reference number:</b>	0766-2881-7190-2820-6411
<b>Date of assessment:</b>	29 January 2020	<b>Type of assessment:</b>	RdSAP, existing dwelling
<b>Date of certificate:</b>	29 January 2020	<b>Total floor area:</b>	46 m <sup>2</sup>

## Use this document to:

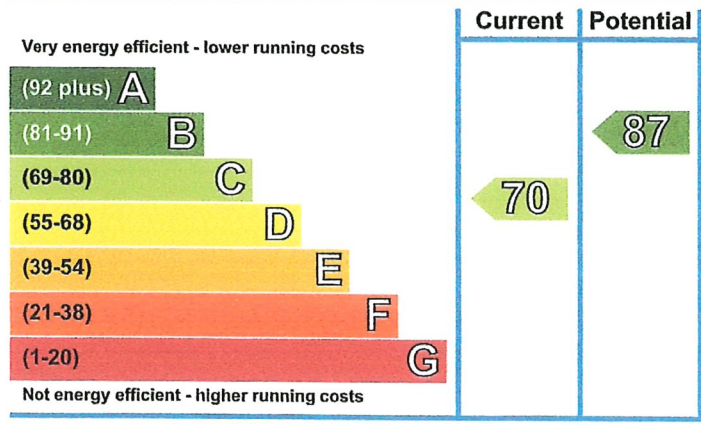
- Compare current ratings of properties to see which properties are more energy efficient
- Find out how you can save energy and money by installing improvement measures

Estimated energy costs of dwelling for 3 years:	£ 1,449
Over 3 years you could save	£ 138

Estimated energy costs of this home			
	Current costs	Potential costs	Potential future savings
Lighting	£ 117 over 3 years	£ 117 over 3 years	
Heating	£ 1,083 over 3 years	£ 1,017 over 3 years	
Hot Water	£ 249 over 3 years	£ 177 over 3 years	
<b>Totals</b>	<b>£ 1,449</b>	<b>£ 1,311</b>	

These figures show how much the average household would spend in this property for heating, lighting and hot water and is not based on energy used by individual households. This excludes energy use for running appliances like TVs, computers and cookers, and electricity generated by microgeneration.

## Energy Efficiency Rating



The graph shows the current energy efficiency of your home.

The higher the rating the lower your fuel bills are likely to be.

The potential rating shows the effect of undertaking the recommendations on page 3.

The average energy efficiency rating for a dwelling in England and Wales is band D (rating 60).

The EPC rating shown here is based on standard assumptions about occupancy and energy use and may not reflect how energy is consumed by individual occupants.

## Top actions you can take to save money and make your home more efficient

Recommended measures	Indicative cost	Typical savings over 3 years
1 Floor insulation (solid floor)	£4,000 - £6,000	£ 66
2 Solar water heating	£4,000 - £6,000	£ 72
3 Solar photovoltaic panels, 2.5 kWp	£3,500 - £5,500	£ 1,005

To receive advice on what measures you can take to reduce your energy bills, visit [www.simpleenergyadvice.org.uk](http://www.simpleenergyadvice.org.uk) or call freephone 0800 444202. The Green Deal may enable you to make your home warmer and cheaper to run.



Summary of this home's energy performance related features

Element	Description	Energy Efficiency
Walls	Cavity wall, as built, insulated (assumed)	★★★★☆
Roof	Pitched, 100 mm loft insulation	★★★★☆☆
Floor	Solid, no insulation (assumed)	—
Windows	Fully double glazed	★★★★☆☆
Main heating	Boiler and radiators, mains gas	★★★★☆☆
Main heating controls	Programmer and room thermostat	★★★★☆☆
Secondary heating	None	—
Hot water	From main system	★★★★☆☆
Lighting	Low energy lighting in all fixed outlets	★★★★★★

Current primary energy use per square metre of floor area: 308 kWh/m<sup>2</sup> per year

The assessment does not take into consideration the physical condition of any element. 'Assumed' means that the insulation could not be inspected and an assumption has been made in the methodology based on age and type of construction.

Low and zero carbon energy sources

Low and zero carbon energy sources are sources of energy that release either very little or no carbon dioxide into the atmosphere when they are used. Installing these sources may help reduce energy bills as well as cutting carbon. There are none provided for this home.

Your home's heat demand

For most homes, the vast majority of energy costs derive from heating the home. Where applicable, this table shows the energy that could be saved in this property by insulating the loft and walls, based on typical energy use (shown within brackets as it is a reduction in energy use).

Heat demand	Existing dwelling	Impact of loft insulation	Impact of cavity wall insulation	Impact of solid wall insulation
Space heating (kWh per year)	4,968	(313)	N/A	N/A
Water heating (kWh per year)	2,478			

You could receive Renewable Heat Incentive (RHI) payments and help reduce carbon emissions by replacing your existing heating system with one that generates renewable heat, subject to meeting minimum energy efficiency requirements. The estimated energy required for space and water heating will form the basis of the payments. For more information, search for the domestic RHI on the [www.gov.uk](http://www.gov.uk) website.



## Recommendations

The measures below will improve the energy performance of your dwelling. The performance ratings after improvements listed below are cumulative; that is, they assume the improvements have been installed in the order that they appear in the table. To receive advice on what measures you can take to reduce your energy bills, visit [www.simpleenergyadvice.org.uk](http://www.simpleenergyadvice.org.uk) or call freephone 0800 444202. Before installing measures, you should make sure you have secured the appropriate permissions, where necessary. Such permissions might include permission from your landlord (if you are a tenant) or approval under Building Regulations for certain types of work.

Recommended measures	Indicative cost	Typical savings per year	Rating after improvement
Increase loft insulation to 270 mm	£100 - £350	£ 18	D65
Floor insulation (solid floor)	£4,000 - £6,000	£ 17	D66
Add additional 80 mm jacket to hot water cylinder	£15 - £30	£ 10	D66
Replace boiler with new condensing boiler	£2,200 - £3,000	£ 111	C73
Solar water heating	£4,000 - £6,000	£ 34	C75
Solar photovoltaic panels, 2.5 kWp	£3,500 - £5,500	£ 335	B89

## Alternative measures

There are alternative measures below which you could also consider for your home.

- Biomass boiler (Exempted Appliance if in Smoke Control Area)
- Micro CHP

## Financial Support and the Green Deal

Green Deal Finance allows you to pay for some of the cost of your improvements in instalments under a Green Deal Plan (note that this is a credit agreement, but with instalments being added to the electricity bill for the property). The availability of a Green Deal Plan will depend upon your financial circumstances. There is a limit to how much Green Deal Finance can be used, which is determined by how much energy the improvements are estimated to save for a 'typical household'.

You may also be able to obtain support towards repairs or replacements of heating systems and/or basic insulation measures under the ECO scheme, provided that you are in receipt of qualifying benefits or tax credits. To learn more about this scheme and the rules about eligibility, visit [www.simpleenergyadvice.org.uk](http://www.simpleenergyadvice.org.uk) or call freephone 0800 444202 for England and Wales.