

Section H: Energy Performance Certificate

Dwelling type:

Certificate:

Assessment Method: SAP

Date issued:

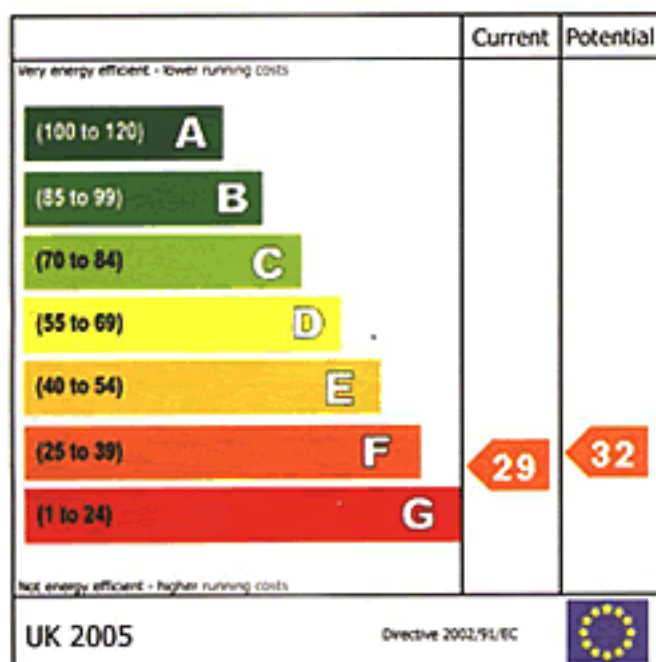
Date of inspection:

Inspector:

This home's performance ratings

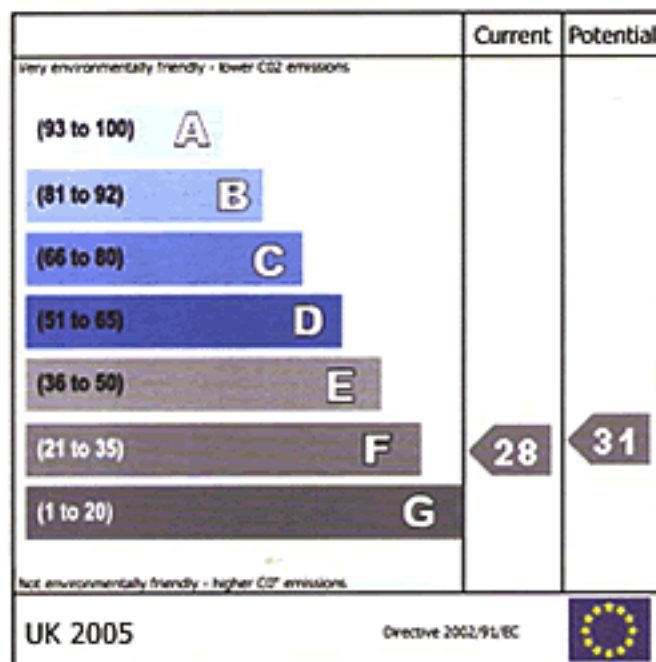
This home has been assessed using the UK's Standard Assessment Procedure (SAP) for dwellings. Its performance is rated in terms of the energy use per square metre of floor area, energy efficiency based on fuel costs and environmental impact based on carbon dioxide (CO₂) emissions.

Energy Efficiency Rating



The energy efficiency rating is a measure of the overall efficiency of a home. The higher the rating the more energy efficient the home is and the lower the fuel bills will be.

Environmental (CO₂) Impact Rating



The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide emissions. The higher the rating the less impact it has on the environment.

Typical energy use, carbon dioxide (CO₂) emissions and fuel costs of this home

This table provides an indication of how much it will cost to provide lighting, heating and hot water to this home. The fuel costs and carbon dioxide emissions are calculated based on a SAP assessment of the energy use. This makes standard assumptions about occupancy, heating patterns and geographical location. The energy use includes the energy used in producing and delivering the fuels to this home. The fuel costs only take into account the cost of fuel and not any associated service, maintenance or safety inspection costs. The costs have been provided for guidance only as it is unlikely they will match actual costs for any particular household.

	Current	Potential
Energy use	508 kWh/m ²	467 kWh/m ²
Carbon dioxide emissions	8.3 tonnes per year	7.7 tonnes per year
Lighting	N/A	N/A
Heating	£550.71 per year	£510.36 per year
Hot water	£68.04 per year	£62.80 per year

To see how this home can achieve its potential rating please go to page ii

Energy Performance Certificate Report Section

Certificate:
Date issued:
Inspector:

Summary of this home's energy performance related features

The following is an assessment of the key individual elements that have an impact on this home's performance rating. Each element is assessed against the following scale: Very poor/ Poor/ Average/ Good/ Very good

Element	Description	Current performance
Main walls	Solid brick (as built)	Very poor
Main roof	Pitched, 75mm loft insulation	Average
Main floor	Uninsulated solid concrete (assumed)	Average
Windows	100% Double glazed or better. Pre-2002	Average
Main heating	Gas Boiler	Average
Main heating controls	TRV's, programmer and bypass	N/A
Secondary heating	Gas fire	Poor
Hot water	From main system	N/A
Lighting	N/A	N/A
Current energy efficiency rating		F : 29
Current environmental impact rating		F : 28

Cost effective measures to improve this home's performance ratings

The performance ratings after improvement listed below are cumulative, that is they assume the improvements have been installed in the order that they appear in the table.

Lower cost measures	Typical savings	Performance ratings after improvements	
		Energy efficiency	Environmental impact
Upgrade insulation to 250mm in main roof	£16.00 per year	F : 30	F : 29
	Total £16.00 per year		
Higher cost measures			
Improve to TRVs, programmer & boiler manager	£29.00 per year	F : 32	F : 31
	Total £45.00 per year		
Potential energy efficiency rating		F : 32	
Potential environmental impact rating		F : 31	

Further measures to achieve even higher standards

These measures should be considered in addition to those already specified if aiming for the highest possible standards for this home.

Fit 50mm internal insulation to walls	£180.00 per year	E : 49	E : 48
Enhanced energy efficiency rating		E : 49	
Enhanced environmental impact rating		E : 48	

Improvements to the energy efficiency and environmental impact ratings will usually be in step with each other. However, they can sometimes diverge because reduced energy costs are not always accompanied by reduced carbon dioxide emissions.

For advice on how to take action and to find out about offers available to help make your home more energy efficient call **0800 512 512** or visit **www.est.org.uk/myhome**