

## Energy performance certificate (EPC) recommendation report

36 Barnby Gate  
NEWARK ON TRENT  
NG24 1PZ

Report number  
**4308-8712-2494-1982-1284**

Valid until  
**8 August 2034**

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### Energy rating and EPC

This property's energy rating is B.

For more information on the property's energy performance, see the EPC for this property.

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## Recommendations

### Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
In some spaces, the solar gain limit defined in the NCM is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	Medium

### Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Some walls have uninsulated cavities - introduce cavity wall insulation.	Medium
Some windows have high U-values - consider installing secondary glazing.	Medium
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	Medium
Consider installing building mounted wind turbine(s).	Low
Consider installing solar water heating.	Low

### Additional recommendations

Recommendation	Potential impact on carbon emissions
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium

## Property and report details

Report issued on	9 August 2024
Total useful floor area	37 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	DesignBuilder Software Ltd, DesignBuilder SBEM, v7.1.4, SBEM, v6.1.e.0

## Assessor's details

Assessor's name	Roy Redhead
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Email	<a href="mailto:info@bridgfordenergyconsultants.com">info@bridgfordenergyconsultants.com</a>
Employer's name	Bridgford Energy Consultants Ltd
Employer's address	
Assessor ID	EES/002078
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd

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