

## Energy performance certificate (EPC) recommendation report

3a Station Street  
Mansfield Woodhouse  
MANSFIELD  
NG19 8AE

Report number  
**0060-5207-0440-5500-2090**

Valid until  
**4 June 2030**

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### Energy rating and EPC

This property's energy rating is F.

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

<b>Recommendation</b>	<b>Potential impact on carbon emissions</b>
Consider replacing T8 lamps with retrofit T5 conversion kit.	Low
Add optimum start/stop to the heating system.	Medium
Some walls have uninsulated cavities - introduce cavity wall insulation.	Medium
Some windows have high U-values - consider installing secondary glazing.	Medium

### Changes that may pay for themselves within 3 to 7 years

<b>Recommendation</b>	<b>Potential impact on carbon emissions</b>
Add weather compensation controls to heating system.	Medium
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	Medium
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium
Some glazing is poorly insulated. Replace/improve glazing and/or frames.	Medium
Consider installing an air source heat pump.	High

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

<b>Recommendation</b>	<b>Potential impact on carbon emissions</b>
Consider installing a ground source heat pump.	High
Roof is poorly insulated. Install or improve insulation of roof.	Medium
Consider installing building mounted wind turbine(s).	Low
Consider installing solar water heating.	Low
Consider installing PV.	Low

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## Property and report details

Report issued on	5 June 2020
Total useful floor area	46 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	CLG, iSBEM, v5.6.a, SBEM, v5.6.a.1

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## Assessor's details

Assessor's name	Richard Greenwood
Telephone	0177 3744535
Email	<a href="mailto:rgreenwood.epc@gmail.com">rgreenwood.epc@gmail.com</a>
Employer's name	Richard Greenwood Energy Assessor
Employer's address	70 Warmwells Lane, Marehay, Ripley DE5 8JB
Assessor ID	EES/008802
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd

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