

Energy performance certificate (EPC) recommendation report

117 High Street
STOKE-ON-TRENT
ST6 5TA

Report number
0720-0448-6029-0103-5002

Valid until
10 July 2028

Energy rating and EPC

This property's energy rating is D.

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

Recommendations

Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Consider replacing T8 lamps with retrofit T5 conversion kit.	Medium
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
The default chiller efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.	Low
Consider installing building mounted wind turbine(s).	Low
The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements.	Low
Consider installing solar water heating.	Low
Some walls have uninsulated cavities - introduce cavity wall insulation.	Low

Property and report details

Report issued on	11 July 2018
Total useful floor area	427 square metres
Building environment	Air Conditioning
Calculation tool	CLG, iSBEM, v5.4.b, SBEM, v5.4.b.0

Assessor's details

Assessor's name	Paul Narga-Martin
Telephone	07881 697697
Email	paul@energywisemidlands.co.uk
Employer's name	Energywise Midlands
Employer's address	7 Holders Lane, Birmingham B13 8NL
Assessor ID	EES/010669
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd
