

Energy performance certificate (EPC) recommendation report

Shilton Arms
5 Church Road
Shilton
COVENTRY
CV7 9HX

Report number
0770-0848-6399-3005-7006

Valid until
5 June 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
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	Low
Install more efficient water heater.	Low
Consider replacing T8 lamps with retrofit T5 conversion kit.	Medium
Add time control to heating system.	Medium
Consider replacing HWS with point of use system.	Low
Add optimum start/stop to the heating system.	Medium
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	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
Some walls have uninsulated cavities - introduce cavity wall insulation.	Medium

Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Add local temperature control to the heating system.	Medium
Add weather compensation controls to heating system.	Medium
Add local time control to heating system.	Medium
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium
Consider installing an air source heat pump.	High

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
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

Recommendation	Potential impact on carbon emissions
Consider installing solar water heating.	Low
Consider installing PV.	Low

Property and report details

Report issued on	6 June 2018
Total useful floor area	254 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	DesignBuilder Software Ltd, DesignBuilder SBEM, v5.0.3, SBEM, v5.3.a.0

Assessor's details

Assessor's name	Katie Price
Telephone	01924669940
Email	epc@compliance365.co.uk
Employer's name	Compliance365
Employer's address	Unit 6 Mariner Court Calder Park Wakefield WF4 3FL
Assessor ID	QUID202388
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Quidos Limited