



VITAL

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ENERGY PERFORMANCE CERTIFICATE

**Unit 2a
Penfield Industrial Estate
Lancaster Road
Uxbridge
UB8 1AP**

8 February 2023

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Energy performance certificate (EPC)

Unit 2a
Penfield Industrial Estate
Lancaster Road
UXBRIDGE
UB8 1AP

Energy rating

C

Valid until:

7 February 2033

Certificate number: 5804-4867-8673-6729-2320

Property type

General Industrial and Special Industrial Groups

Total floor area

167 square metres

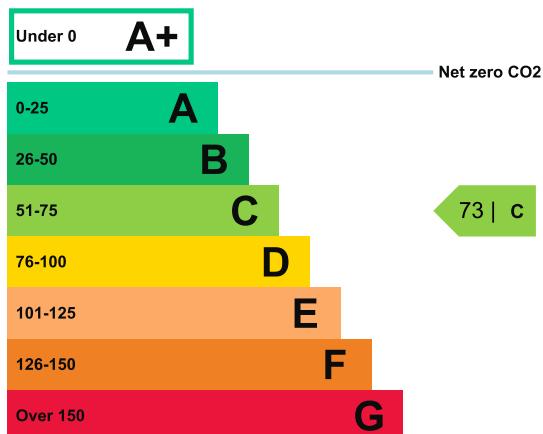
Rules on letting this property

Properties can be let if they have an energy rating from A+ to E.

Energy efficiency rating for this property

This property's current energy rating is C.

Properties are also given a score. The larger the number, the more carbon dioxide (CO₂) your property is likely to emit.



How this property compares to others

Properties similar to this one could have ratings:

If newly built

12 | A

If typical of the existing stock

47 | B

Properties are given a rating from A+ (most efficient) to G (least efficient).

Breakdown of this property's energy performance

Main heating fuel	Grid Supplied Electricity
Building environment	Heating and Natural Ventilation
Assessment level	3
Building emission rate (kgCO2/m ² per year)	26.56
Primary energy use (kWh/m ² per year)	279

Recommendation report

Guidance on improving the energy performance of this property can be found in the [recommendation report \(/energy-certificate/3489-7272-1038-7205-8073\)](#).

Contacting the assessor and accreditation scheme

This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

If you are still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

Assessor contact details

Assessor's name	Ross Elphick
Telephone	02087440544
Email	info@seaconsulting.co.uk

Accreditation scheme contact details

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor ID	EES/023873
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

Assessment details

Employer	SEAConsulting.co.uk
Employer address	Unit 11 Teddington Business Park Station Road Teddington TW11 9BQ
Assessor's declaration	The assessor is not related to the owner of the property.
Date of assessment	26 January 2023
Date of certificate	8 February 2023

Energy performance certificate (EPC) recommendation report

Unit 2a
Penfield Industrial Estate
Lancaster Road
UXBRIDGE
UB8 1AP

Report number
3489-7272-1038-7205-8073

Valid until
7 February 2033

Energy rating and EPC

This property's current energy rating is C.

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

Recommendations

Make these changes to improve the property's energy efficiency.

Recommended improvements are grouped by the estimated time it would take for the change to pay for itself. The assessor may also make additional recommendations.

Each recommendation is marked as low, medium or high. This shows the potential impact of the change on reducing the property's carbon emissions.

Changes that pay for themselves within 3 years

Recommendation	Potential impact
Replace 38mm diameter (T12) fluorescent tubes on failure with 26mm (T8) tubes.	Medium
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	Low
Consider replacing T8 lamps with retrofit T5 conversion kit.	Low

Changes that pay for themselves within 3 to 7 years

Recommendation	Potential impact
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
Some windows have high U-values - consider installing secondary glazing.	Medium
Add weather compensation controls to heating system.	Medium

Changes that pay for themselves in more than 7 years

Recommendation	Potential impact
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

Recommendation	Potential impact
Consider installing a ground source heat pump.	High

Property and report details

Report issued on	8 February 2023
Total useful floor area	167 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	DesignBuilder Software Ltd, DesignBuilder SBEM, v7.1.3, SBEM, v6.1.d.0

Assessor's details

Assessor's name

Ross Elphick

Telephone

02087440544

Email

info@seaconsulting.co.uk

Employer's name

SEAConsulting.co.uk

Employer's address

Unit 11 Teddington Business Park Station Road
Teddington TW11 9BQ

Assessor ID

EES/023873

Assessor's declaration

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Accreditation scheme

Elmhurst Energy Systems Ltd
