

Display Energy Certificates (DEC)

This certificate is required by public buildings to show the general public their energy and carbon use based on meter readings from the previous 12 months.

An advisory report is also included to show various recommendations to reduce energy use.

Eligibility

The extent of requirements depends on the building size however it must be completed by all public buildings occupied by a public authority where:



Total floor area of the building exceeds 250m²



Frequently visited by the public



Indoor climate (fixed heating or air conditioning) controlled by the use



Penalties

A local authority can issue a penalty charge notice of:



£500 for failing to display a DEC at all times in a prominent place clearly visible to the public.



£1,000 for failing to possess or have in their control a valid advisory report.

Requirements:

- The DEC must be displayed and visible to the public. The building must also hold an advisory report which contains recommendations for improving the energy performance of the building and should be readily available.
- Where the building has a total useful floor area of between 250m² and 1000m², the DEC and advisory report are valid for 10 years.
- Where the building has a total useful floor area of more than 1,000m², the DEC is valid for 12 months. The accompanying advisory report is valid for seven years.
- For buildings with and area >1000m², the DEC must also contain certificates from the past 2 years, unless there is no complete data for 3 years.

Further Notes:

- DEC's provide an energy rating of the building from A to G, where A is very efficient, and G is the least efficient.
- This is to be placed in a public and visible place to raise public awareness of energy use.
- Information needed includes annual meter readings and types of fuels used to obtain a figure for CO₂ per square meter (m²).
- The advisory report accompanies the DEC and contains recommendations for cost effective improvements of the energy performance of the building. The report also includes zero and low cost operational and management improvements and opportunities for the installation of low and zero carbon (LZC) technologies.
- This report also contains short, medium and long term payback categories to assess various improvement strategies which can be researched further, but do not legally have to be undertaken.
- Although this is a requirement for public buildings only, private organisations can provide a voluntarily and gain recommendations.

Advisory Report

An example DEC and advisory report is shown below:

Display Energy Certificate

How efficiently is this building being used?

HM Government

Certificate Reference Number: 0850-0526-2659-7924-2002

Energy Performance Operational Rating

This lets you how efficiently energy has been used in the building. The numbers do not represent actual units of energy consumed, they represent comparative energy efficiency. 100 would be typical for this kind of building.

Total CO₂ Emissions

This lets you how much carbon dioxide the building emits. It shows tonnes per year of CO₂.

Previous Operational Ratings

This lets you how efficiently energy has been used in this building over the last three accounting periods.

Technical Information

Main heating fuel: Natural Gas
 Building environment: Mixed-mode with Natural Ventilation
 Total useful floor area (m²): 20717
 Asset Rating: Not available

	Heating	Electricity
Annual Energy Use (kWh/m ² /year)	121	142
Typical Energy Use (kWh/m ² /year)	424	30
Energy from renewables	0.0%	0.0%

Administrative Information

Assessment Software: SystemsLink, ORToolkit, v3.6
 Property Reference: 679625620000
 Assessor Name: Daniel Cooper
 Assessor Number: STRO629114
 Accreditation Scheme: Stroma Certification Ltd

Advisory Report

Report Reference Number: 0850-0526-2659-7924-2002

Building Occupier	Address
St. Helens & Knowsley Hospitals Trust	Whiston Hospital, Whittington Road, PRESCOT, L35 5DR

Building Type(s): Hospital - Clinical And Research

ADMINISTRATIVE INFORMATION	
Issue Date:	2016-05-17
Valid Until:	2023-05-16
Total Useful Floor Area (m ²):	60764.00
Assessment Software	SystemsLink, ORToolkit, v3.6
Property Reference	679625620000
Type of Inspection	Physical

ENERGY ASSESSOR DETAILS	
Assessor Name:	Daniel Cooper
Employer/Trading Name:	Daniel Cooper
Employer/Trading Address:	Sustain Ltd.
Assessor Number	STRO629114
Accreditation Scheme:	Stroma Certification Ltd

Key dates:

All public buildings as of 9th January 2013 are required to display a DEC showing an operational rating and have control of a valid advisory report.

If the building has been occupied for less than 15 months, by this date, the occupier may not have 12 months' worth of meter readings, in this instance different calculations can be used.

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