Energy Performance Certificate for buildings other than dwellings

Energy Performance Certificate

Building Energy Performance — Scotland

Calculated asset rating using Design Database v25.05 [SBEM]	Building type Offices and Workshop businesses	**Current rating**

	Carbon Neutral	**Excellent**
	A (0 to 15)	
	B (16 to 30)	
	C (31 to 45)	
	D (46 to 60)	**D+**
	E (61 to 80)	
	F (81 to 100)	
	G (100+)	**Very Poor**

Carbon Dioxide Emissions The number refers to the calculated carbon dioxide emissions in terms of kg per m² of floor area per year	**49**
Approximate current energy use per m² of floor area:	**95** kWh/m²

Main heating fuel: Grid Supplied Electricity
Building Services: Air conditioning
Renewable energy source: Heat pumps
Electricity: Grid supplied

Carbon Dioxide is a greenhouse gas which contributes to climate change.
Less Carbon Dioxide emissions from buildings helps the environment.

Benchmarks

A building of this type built to building regulations standards current at the date of issue of this certificate would have a rating:	**25**	**B**
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	**0**	**??**

Recommendations for the cost-effective improvement (lower cost measures) of the energy performance

1. 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.
2. Some walls have uninsulated cavities - introduce cavity wall insulation.
3. Some windows have high U-values - consider installing secondary glazing.
4. Some glazing is poorly insulated. Replace/improve glazing and/or frames.
5. Consider installing an air source heat pump.
6. Consider installing building mounted wind turbine(s).

Address: 24 St Vincents Place, GlasgowG1 2DT
Conditioned area (m²): 3373
Name of protocol organisation: CIBSE Certification Ltd, [LCEA157587]
Date of issue of certificate: 04 May 2013 (Valid for a period not exceeding 10 years)

This certificate is a requirement of EU Directive 2002/91/EC on the energy performance of buildings.

NB THIS CERTIFICATE MUST BE AFFIXED TO THE BUILDING AND NOT REMOVED UNLESS REPLACED WITH AN UPDATED VERSION AND FOR PUBLIC BUILDINGS DISPLAYED IN A PROMINENT PLACE