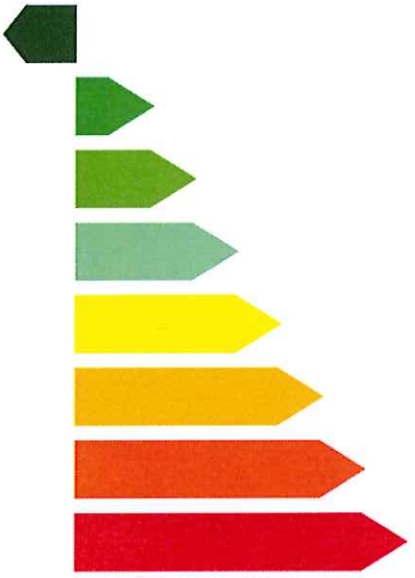
Energy Performance Certificate for buildings other than dwellings

Energy Performance Certificate

Building Energy Performance — Scotland

Calculated asset rating using DesignBuilder SBEM v2.2 [SBEM]	Building type Office	Current rating



Carbon Neutral	Excellent
A (0 to 15)	
B (16 to 30)	
C (31 to 45)	C
D (46 to 60)	
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	**45**
Approximate current energy use per m² of floor area:	**152** kWh/m²

Main heating fuel: Natural Gas **Building Services:** Air conditioning

Renewable energy source: **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:	44	C
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	41	C

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

1. Consider replacing T8 lamps with retrofit T5 conversion kit.
2. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.
3. Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.
4. Consider installing building mounted wind turbine(s).
5. Consider installing solar water heating.

Address: Watermark, Alba Campus, LIVINGSTON, EH54 7HH
Conditioned area (m²): 13215
Name of protocol organisation: Stroma Accreditation Ltd, [STRO000687]
Date of issue of certificate: 02 Jun 2010 (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