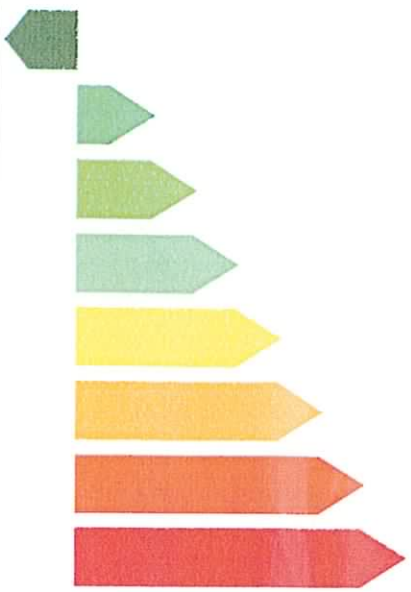
Energy Performance Certificate for buildings other than dwellings

Energy Performance Certificate

Building Energy Performance — Scotland

Calculated asset rating using iSBEM v3.3.b [SBEM]	Building type Office	Current rating



Carbon Dioxide Emissions The number refers to the calculated carbon dioxide emissions in terms of kg per m² of floor area per year	63
Approximate current energy use per m² of floor area:	189 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:	41	C
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	58	D

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

1. Consider replacing T8 lamps with retrofit T5 conversion kit.
2. Some spaces have a significant risk of overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.
3. The default chillier efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.
4. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.
5. Add optimum start/stop to the heating system.
6. 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.

Address: The Exchange, 62 Market Street, Aberdeen, AB11 5PJ
Conditioned area (m²): 8981
Name of protocol organisation: BRE Global, [BRE-ND-EPC00322]
Date of issue of certificate: 06 Apr 2009 (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