

Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using IES <VE> 5.9.0.3 [ApacheSim]	Building type Office
	<b>Carbon Neutral</b>	
	<b>A</b> (0 to 15)	
	<b>B</b> (16 to 30)	
	<b>C</b> (31 to 45)	
	<b>D</b> (46 to 60)	
	<b>E</b> (61 to 80)	
<b>F</b> (81 to 100)		
<b>G</b> (100+)		
		Excellent
		<b>B+</b>
		Very Poor
<b>Carbon Dioxide Emissions</b> The number refers to the calculated carbon dioxide emissions in terms of kg per m <sup>2</sup> of floor area per year		<b>22</b>
Approximate current energy use per m <sup>2</sup> of floor area:		<b>77</b> kWh/m <sup>2</sup>
Main heating fuel: Natural Gas		Building Services: Air conditioning
Renewable energy source:		Electricity: Grid supplied
<b>Carbon Dioxide is a greenhouse gas which contributes to climate change. Less Carbon Dioxide emissions from buildings helps the environment.</b>		
<b>Benchmarks</b>		
A building of this type built to building regulations standards current at the date of issue of this certificate would have a rating:		<b>36</b> <b>C+</b>
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		<b>22</b> <b>B+</b>
<b>Recommendations for the cost-effective improvement (lower cost measures) of the energy performance</b>		
<p>1. Consider installing PV - This is the only recommendation used to generate potential energy performance above.</p> <p>2. Consider switching from gas to biomass.</p> <p>3. Consider installing building mounted wind turbine(s).</p> <p>4. Consider installing solar water heating.</p>		

**Address:**

Clarion, 29 Wellington St, GLASGOW, G2 6JA

**Conditioned area (m<sup>2</sup>):**

8405.214

**Name of protocol organisation:**

CIBSE Certification Limited, [012052]

**Date of issue of certificate:**

25 Feb 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**