

Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v3.4.a [SBEM]	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+)		
		<b>Excellent</b>
		<b>B</b>
		<b>Very Poor</b>
<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>24</b>
Approximate current energy use per m <sup>2</sup> of floor area:		<b>85 kWh/m<sup>2</sup></b>
Main heating fuel: Natural Gas		Building Services: Heating with Nat. Vent.
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>29</b> <b>B</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. Some spaces have a significant risk of overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.</p> <p>2. Add optimum start/stop to the heating system.</p> <p>3. Add weather compensation controls to heating system.</p> <p>4. Consider installing building mounted wind turbine(s).</p> <p>5. Consider installing solar water heating.</p> <p>6. Consider installing PV.</p>		

**Address:** Block 5a, Earls Court - Offices, Earls Gate Park, Grangemouth

**Conditioned area (m<sup>2</sup>):** 161

**Name of protocol organisation:** Northgate Land and Property Solutions Ltd, [00000034555]

**Date of issue of certificate:** 11 Aug 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**