

Energy Performance Certificate	Building Energy Performance		Scotland
	Calculated asset rating using IES <VE> 5.9.2 [ApacheSim]	Building type Office	<b>Current rating</b>
	 <p><b>Carbon Neutral</b></p> <p><b>A</b> (0 to 15)</p> <p><b>B</b> (16 to 30)</p> <p><b>C</b> (31 to 45)</p> <p><b>D</b> (46 to 60)</p> <p><b>E</b> (61 to 80)</p> <p><b>F</b> (81 to 100)</p> <p><b>G</b> (100+)</p>		<p><b>Excellent</b></p> <p><b>B+</b></p> <p><b>Very Poor</b></p>
	<b>Carbon Dioxide Emissions</b>		<b>19</b>
	The number refers to the calculated carbon dioxide emissions in terms of kg per m <sup>2</sup> of floor area per year		
	Approximate current energy use per m <sup>2</sup> of floor area:		<b>69 kWh/m<sup>2</sup></b>
	Main heating fuel: Natural Gas		Building Services: Heating with Nat. Vent.
	Renewable energy source:		Electricity: Grid supplied
	<p><b>Carbon Dioxide is a greenhouse gas which contributes to climate change.</b></p> <p><b>Less Carbon Dioxide emissions from buildings helps the environment.</b></p>		
	<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>27</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>15</b>  <b>A</b>	
<b>Recommendations for the cost-effective improvement (lower cost measures) of the energy performance</b>			
<p>1. Install draught sealing around main entrance doors to reduce heat loss through infiltration</p> <p>2. Carry out thermal imaging study, identify any defects in the construction which can be rectified</p> <p>3. Consider installing solar water heating.</p> <p>4. Consider switching from gas to biomass.</p>			

**Address:** Ratho Ventures Office Space, 5 Ratho Park, Ratho Station, Edinburgh, E  
**Conditioned area (m<sup>2</sup>):** 2514.770  
**Name of protocol organisation:** CIBSE Certification Ltd, [LCEA 025256]  
**Date of issue of certificate:** 25 Sep 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**