











Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v4.1.d [SBEM]	Building type Offices and Workshop businesses
	Current rating	
	Excellent	
	 <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+)		
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>44</b>
Approximate current energy use per m <sup>2</sup> of floor area:		<b>132</b> kWh/m <sup>2</sup>
<b>Main heating fuel:</b> Natural Gas <b>Building Services:</b> Heating with Nat. Vent. <b>Renewable energy source:</b> Heat pumps <b>Electricity:</b> 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>16</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>9</b>  <b>A</b>
<b>Recommendations for the cost-effective improvement (lower cost measures) of the energy performance</b>		
1. Consider installing daylight sensing.      4. Add weather compensation controls to heating system.  2. Consider switching from gas to biomass.      5. Consider installing solar water heating.  3. Consider installing PV.		

**Address:** Clydesdale House, Springhill Business Village, Glasgow, G69 6GA

**Conditioned area (m<sup>2</sup>):** 2638

**Name of protocol organisation:** Elmhurst Energy Systems, [EES/008702]

**Date of issue of certificate:** 20 Dec 2012 (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**