


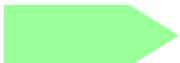








Building Energy Performance		Scotland						
Energy Performance Certificate	Calculated asset rating using DesignBuilder v.1.6.9.003 [SBEM]	Building type Office						
	Current rating							
	Excellent							
		Carbon Neutral						
		A (0 to 15)						
		B (16 to 30)						
		C (31 to 45)						
		D (46 to 60)						
	E (61 to 80)							
	F (81 to 100)							
	G (100+)							
Very Poor								
Carbon Dioxide Emissions								
The number refers to the calculated carbon dioxide emissions in terms of kg per m ² of floor area per year		97						
Approximate current energy use per m ² of floor area:		231 kWh/m²						
Main heating fuel: Grid Supplied Electricity Building Services: Heating with Nat. Vent.								
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:		39  C						
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		93  F						
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance								
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">1. Add local temperature control to the heating system.</td> <td style="width: 50%;">4. Consider replacing T8 lamps with retrofit T5 conversion kit.</td> </tr> <tr> <td>2. Add local time control to heating system.</td> <td>5. Some spaces have a significant risk of overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.</td> </tr> <tr> <td>3. Consider installing an air source heat pump.</td> <td>6. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.</td> </tr> </table>			1. Add local temperature control to the heating system.	4. Consider replacing T8 lamps with retrofit T5 conversion kit.	2. Add local time control to heating system.	5. 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. Consider installing an air source heat pump.	6. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.
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Address: St Machars Academy Annexe, St Machars Academy Annexe, Aberdeen

Conditioned area (m²): 1172

Name of protocol organisation: CIBSE Certification Limited, [RICS 184761]

Date of issue of certificate: 31 Oct 2008 (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