












Building Energy Performance		Scotland						
Energy Performance Certificate	Calculated asset rating using iSBEM v3.4.a [SBEM]	Building type Libraries/museums/galleries						
	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+)							
 G 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		118						
Approximate current energy use per m ² of floor area:		534 kWh/m²						
Main heating fuel: Natural Gas		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:		28  B						
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		73  E						
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. Replace old fluorescent with T5 retrofit conversion kit.</td> <td style="width: 50%;">4. Add local time control to heating system.</td> </tr> <tr> <td>2. Some loft spaces are poorly insulated - install/improve insulation.</td> <td>5. Consider replacing heating boiler plant with a condensing type.</td> </tr> <tr> <td>3. Some windows have high U-values - consider installing secondary glazing.</td> <td>6. Consider installing solar water heating.</td> </tr> </table>			1. Replace old fluorescent with T5 retrofit conversion kit.	4. Add local time control to heating system.	2. Some loft spaces are poorly insulated - install/improve insulation.	5. Consider replacing heating boiler plant with a condensing type.	3. Some windows have high U-values - consider installing secondary glazing.	6. Consider installing solar water heating.
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Address:

Art Gallery, Schoolhill, Aberdeen, AB10 1FQ

Conditioned area (m²):

3818

Name of protocol organisation:

BRE Global, [BRE-ND-EPC00492]

Date of issue of certificate:

16 Feb 2010 (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