












Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v3.5.b [SBEM]	Building type Theatres/cinemas/music halls and auditoria
	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		168
Approximate current energy use per m ² of floor area:		611 kWh/m²
Main heating fuel: Natural Gas		Building Services: Air conditioning
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:		62  E+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		119  G
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
<p>1. Employ an existing member of staff as an Energy Manager.</p> <p>2. Install Variable Speed Drivers to Primary and Secondary circulating pumps.</p> <p>3. Install Occupancy lighting controls.</p> <p>4. Improve insulation on HWS storage.</p> <p>5. Consider replacing T8 lamps with retrofit T5 conversion kit.</p> <p>6. Consider replacing heating boiler plant with high efficiency type.</p>		

Address:

The Music Hall, Union Street, Aberdeen, AB10 1QS

Conditioned area (m²):

3807

Name of protocol organisation:

BRE Global, [BRE-ND-EPC00535]

Date of issue of certificate:

14 Mar 2011 (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