











Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using IES <VE> 6.0.3 [SBEM]	Building type Secondary school
	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		29
Approximate current energy use per m ² of floor area:		98 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:	31	 C+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	0	 ??
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
1. Improve insulation on HWS storage.	4. The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements.	
2. Some spaces have a significant risk of overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	5. The default chiller efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.	
3. Add time control to HWS secondary circulation.	6. Consider installing building mounted wind turbine(s).	

Address:

Mile End, Midsocket Road, Aberdeen, AB15 5LT

Conditioned area (m²):

10505

Name of protocol organisation:

CIBSE Certification Ltd, [123456]

Date of issue of certificate:

11 Jul 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