Energy Performance Certificate for buildings other than dwellings

Energy Performance Certificate

Building Energy Performance — Scotland

Calculated asset rating using iSBEM v3.3.b [SBEM]	Building type Primary school	Current rating

Carbon Neutral	Excellent
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 m² of floor area per year	**122**
Approximate current energy use per m² of floor area:	**563** kWh/m²

Main heating fuel: Natural Gas
Building Services: Heating with Mech. 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: **23**	B
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating: **76**	E

Recommendations for the cost-effective improvement (lower cost measures) of the energy performance

1. Consider replacing heating boiler plant with high efficiency type.
2. Some windows have high U-values - consider installing secondary glazing.
3. Consider replacing HWS with point of use system.
4. 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. Add optimum start/stop to the heating system.
6. Consider installing solar water heating.

Address: Summerhill Terrace, Aberdeen
Conditioned area (m²): 1380
Name of protocol organisation: BRE Global, [BRE-ND-EPC00204]
Date of issue of certificate: 02 Jun 2009 (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