Energy Performance Certificate for buildings other than dwellings

Energy Performance Certificate

Building Energy Performance	Scotland

Calculated asset rating using iSBEM v3.4.a [SBEM]	Building type Primary 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+)

F+

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

88

Approximate current energy use per m² of floor area: **413** 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:	**22**	B+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	**57**	D

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

1. Consider replacing T8 lamps with retrofit T5 conversion kit.

2. Some windows have high U-values - consider installing secondary glazing.

3. Add local temperature control to the heating system.

4. Add local time control to heating system.

5. Consider replacing heating boiler plant with a condensing type.

6. Consider installing solar water heating.

Address: Broomhill Primary School, Gray Street, Aberdeen, AB10 6JF
Conditioned area (m²): 2352
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