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+)

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	**128**
Approximate current energy use per m² of floor area:	**303** kWh/m²

Main heating fuel: Grid Supplied Electricity **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:	**29**	B
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	**41**	C

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

1. Consider replacing heating system by central heating with water distribution
2. Install more efficient water heater.
3. Consider replacing T8 lamps with retrofit T5 conversion kit.
4. Some loft spaces are poorly insulated - install/improve insulation.
5. Add local time control to heating system.
6. Consider installing solar water heating.

Address: Loirston Primary School, Loirston avenue, Cove bay, Aberdeen, AB12 3H

Conditioned area (m²): 2868

Name of protocol organisation: BRE Global, [BRE-ND-EPC00204]

Date of issue of certificate: 08 Jan 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