











Building Energy Performance		Scotland						
Energy Performance Certificate	Calculated asset rating using iSBEM v3.4.b [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+)							
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		48						
Approximate current energy use per m ² of floor area:		212 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:		30  B						
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		29  B						
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance								
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">1. Occupancy sensors.</td> <td style="width: 50%;">4. Add local time control to heating system.</td> </tr> <tr> <td>2. Install BMS system.</td> <td>5. Consider replacing heating boiler plant with a condensing type.</td> </tr> <tr> <td>3. Some walls have uninsulated cavities - introduce cavity wall insulation.</td> <td>6. Consider installing an air source heat pump.</td> </tr> </table>			1. Occupancy sensors.	4. Add local time control to heating system.	2. Install BMS system.	5. Consider replacing heating boiler plant with a condensing type.	3. Some walls have uninsulated cavities - introduce cavity wall insulation.	6. Consider installing an air source heat pump.
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Address: Greenbrae Primary School, Greenbrae Crescent, Bridge of Don, Aberdeen,
Conditioned area (m²): 1441
Name of protocol organisation: BRE Global, [BRE-ND-EPC00535]
Date of issue of certificate: 18 Nov 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