











Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v3.4.b [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		71
Approximate current energy use per m ² of floor area:		321 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:		26  B
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		47  D+
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
<p>1. Roof is poorly insulated. Install or improve insulation of roof.</p> <p>2. Consider replacing T8 lamps with retrofit T5 conversion kit.</p> <p>3. Some windows have high U-values - consider installing secondary glazing.</p> <p>4. Some loft spaces are poorly insulated - install/improve insulation.</p> <p>5. Add local time control to heating system.</p> <p>6. Consider installing solar water heating.</p>		

Address:

Northfield Academy, Granitehill Place, Aberdeen, AB16 7AU

Conditioned area (m²):

10401

Name of protocol organisation: BRE Global, [BRE-ND-EPC00492]

Date of issue of certificate: 24 May 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