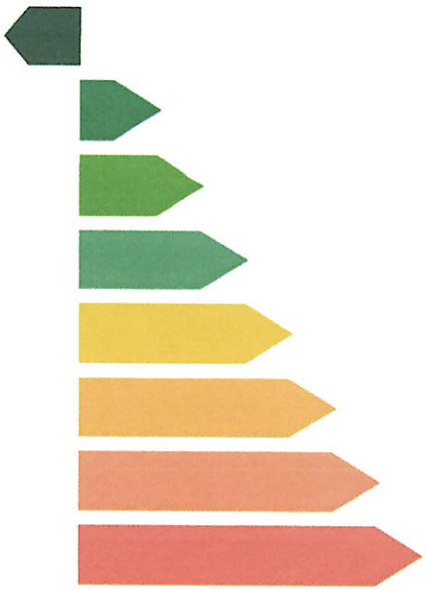
Energy Performance Certificate for buildings other than dwellings

Energy Performance Certificate

Building Energy Performance — Scotland

Calculated asset rating using IES <VE> v6.4.0 [SBEM]	Building type Residential Inst.: Universities and colleges	Current rating



	Carbon Neutral	Excellent
	A (0 to 15)	
	B (16 to 30)	
	C (31 to 45)	C+
	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 m² of floor area per year	31
Approximate current energy use per m² of floor area:	126 kWh/m²

Main heating fuel: Natural Gas **Building Services:** Heating with Nat. Vent.
Renewable energy source: CHP generators **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:	33	C+
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

1. Ductwork leakage is high. Inspect and seal ductwork.
2. Consider installing solar water heating.
3. Consider installing PV.

Address: Block A, Gateway Student Residences, Montgomery Street, EdinburghEH7 5
Conditioned area (m²): 814
Name of protocol organisation: BRE Global, [BRE2-D-00442]
Date of issue of certificate: 23 Aug 2013 (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

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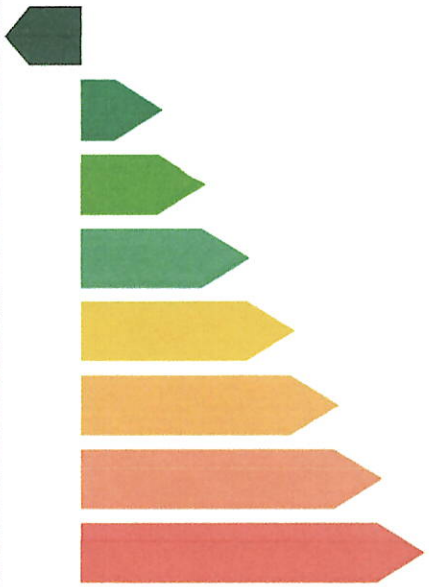

	Carbon Neutral	Excellent
	A (0 to 15)	
	B (16 to 30)	
	C (31 to 45)	C+
	D (46 to 60)	
	E (61 to 80)	
	F (81 to 100)	
	G (100+)	Very Poor

Carbon Dioxide Emissions The number refers to the calculated carbon dioxide emissions in terms of kg per m² of floor area per year	34
Approximate current energy use per m² of floor area:	149 kWh/m²

Main heating fuel: Natural Gas **Building Services:** Heating with Nat. Vent.
Renewable energy source: CHP generators **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:	36	C+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	30	B

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

1. Ductwork leakage is high. Inspect and seal ductwork.
2. Consider installing solar water heating.
3. Consider installing PV.

Address: Block B and C, Gateway Student Residences, Montgomery Street, Edinburg
Conditioned area (m²): 1784
Name of protocol organisation: BRE Global, [BRE2-D-00442]
Date of issue of certificate: 23 Aug 2013 (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.

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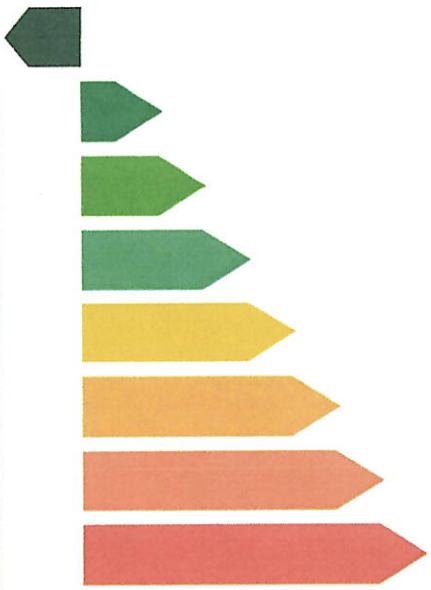
Building Energy Performance — Scotland

Calculated asset rating using IES <VE> v6.4.0 [SBEM]	Building type Residential Inst.: Universities and colleges	Current rating



Excellent

C+

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	35
Approximate current energy use per m² of floor area:	143 kWh/m²

Main heating fuel: Natural Gas
Building Services: Heating with Nat. Vent.
Renewable energy source: CHP generators
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:	35	C+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:	30	B

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

1. Consider installing solar water heating.

2. Consider installing PV.

3. Ductwork leakage is high. Inspect and seal ductwork.

Address: Block D E and F, Gateway Student Residences, Montgomery Street, Edinbu
Conditioned area (m²): 2504
Name of protocol organisation: BRE Global, [BRE2-D-00442]
Date of issue of certificate: 23 Aug 2013 (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.

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