

Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v4.1.e [SBEM]	Building type Hotel
	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 m ² of floor area per year		263
Approximate current energy use per m ² of floor area:		927 kWh/m²
Main heating fuel: Natural Gas		Building Services: Heating with Nat. Vent.
Renewable energy source: None		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:		87 F+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		195 G
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
<p>1. Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.</p> <p>2. Consider replacing T8 lamps with retrofit T5 conversion kit.</p> <p>3. Consider replacing heating boiler plant with high efficiency type.</p> <p>4. Consider replacing heating boiler plant with a condensing type.</p> <p>5. Some glazing is poorly insulated. Replace/improve glazing and/or frames.</p>		

Address: The Firth Hotel, ANNAN, DG12 6JE

Conditioned area (m²): 312

Name of protocol organisation: Stroma Accreditation, [STRO003525]

Date of issue of certificate: 20 Mar 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