











Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v4.1.d [SBEM]	Building type Hotels
	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		166
Approximate current energy use per m ² of floor area:		737 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:		67  E+
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		97  F
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
1. The default chiller efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.	4. Consider replacing T8 lamps with retrofit T5 conversion kit.	
2. Improve insulation on HWS storage.	5. Consider replacing heating boiler plant with high efficiency type.	
3. Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	6. The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements.	

Address:

Dunblane Hotel, Stirling Road, DUNBLANE FK15 9EP

Conditioned area (m²):

228

Name of protocol organisation:

Stroma Accreditation, [STRO002210]

Date of issue of certificate:

30 Jun 2012 (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