











Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v4.1.c [SBEM]	Building type Retail/Financial and Professional services
	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+)	
Carbon Dioxide Emissions		G Very Poor
The number refers to the calculated carbon dioxide emissions in terms of kg per m ² of floor area per year		119
Approximate current energy use per m ² of floor area:		229 kWh/m²
Main heating fuel: Grid Supplied Electricity 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:		24  B
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		51  D+
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance		
1. Replace existing electric off-peak heating with gas heating	4. Some walls have uninsulated cavities - introduce cavity wall insulation.	
2. Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	5. Some windows have high U-values - consider installing secondary glazing.	
3. Consider replacing T8 lamps with retrofit T5 conversion kit.	6. Some glazing is poorly insulated. Replace/improve glazing and/or frames.	

Address: 39 & 41 King Street, Crieff, PH7 3AX
Conditioned area (m²): 86
Name of protocol organisation: Elmhurst Energy Systems Ltd, [00000034555]
Date of issue of certificate: 25 Aug 2011 (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