



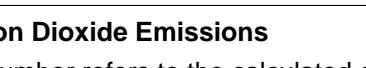


Building Energy Performance		Scotland
Energy Performance Certificate	Calculated asset rating using iSBEM v4.1.c [SBEM]	Building type Hotels
	Current rating	
	Excellent	
	 <b>Carbon Neutral</b>	
	<b>A</b> (0 to 15)	
	<b>B</b> (16 to 30)	
	<b>C</b> (31 to 45)	
 <b>D</b> (46 to 60)		
 <b>E</b> (61 to 80)		
 <b>F</b> (81 to 100)		
 <b>G</b> (100+)		
<b>Carbon Dioxide Emissions</b> The number refers to the calculated carbon dioxide emissions in terms of kg per m <sup>2</sup> of floor area per year		<b>114</b>
Approximate current energy use per m <sup>2</sup> of floor area:		<b>470 kWh/m<sup>2</sup></b>
Main heating fuel: Natural Gas Renewable energy source: None		Building Services: Heating with Nat. Vent. Electricity: Grid supplied
<b>Carbon Dioxide is a greenhouse gas which contributes to climate change.          Less Carbon Dioxide emissions from buildings helps the environment.</b>		
<b>Benchmarks</b>		
A building of this type built to building regulations standards current at the date of issue of this certificate would have a rating:		<b>67</b>
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		<b>96</b>
<b>Recommendations for the cost-effective improvement (lower cost measures) of the energy performance</b>		
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.		
2. Consider replacing T8 lamps with retrofit T5 conversion kit.		
3. 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.		
4. Some windows have high U-values - consider installing secondary glazing.		
5. Add weather compensation controls to heating system.		
6. Consider replacing heating boiler plant with a condensing type.		

Address: Rhindsdale Tavern, 155-157 Main Street, GLASGOW, G69 6AF

Conditioned area (m<sup>2</sup>): 320

Name of protocol organisation: Stroma Accreditation Ltd, [00000034555]

Date of issue of certificate: 27 Sep 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**