











Building Energy Performance		Scotland						
Energy Performance Certificate	Calculated asset rating using IES <VE> 5.9.0.2 [SBEM]	Building type Prisons						
	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		102						
Approximate current energy use per m ² of floor area:		366 kWh/m²						
Main heating fuel: Natural Gas		Building Services: Heating with Nat. Vent.						
Renewable energy source:		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:		45  C						
Where the accompanying recommendations for the cost effective improvement of energy performance are applied, this building would have a rating:		95  F						
Recommendations for the cost-effective improvement (lower cost measures) of the energy performance								
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">1. Improve insulation on HWS storage.</td> <td style="width: 50%; vertical-align: top;">4. Add optimum start/stop to the heating system.</td> </tr> <tr> <td style="vertical-align: top;">2. Some spaces have a significant risk of overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.</td> <td style="vertical-align: top;">5. Some windows have high U-values - consider installing secondary glazing.</td> </tr> <tr> <td style="vertical-align: top;">3. Consider replacing T8 lamps with retrofit T5 conversion kit.</td> <td style="vertical-align: top;">6. Add weather compensation controls to heating system.</td> </tr> </table>			1. Improve insulation on HWS storage.	4. Add optimum start/stop to the heating system.	2. Some spaces have a significant risk of overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	5. Some windows have high U-values - consider installing secondary glazing.	3. Consider replacing T8 lamps with retrofit T5 conversion kit.	6. Add weather compensation controls to heating system.
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Address:

Dingwall Police Station, Dingwall, IV15 9QH

Conditioned area (m²):

1602

Name of protocol organisation: BRE, [00091]

Date of issue of certificate: 22 May 2009 (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