

Energy Performance Certificate

Scotland

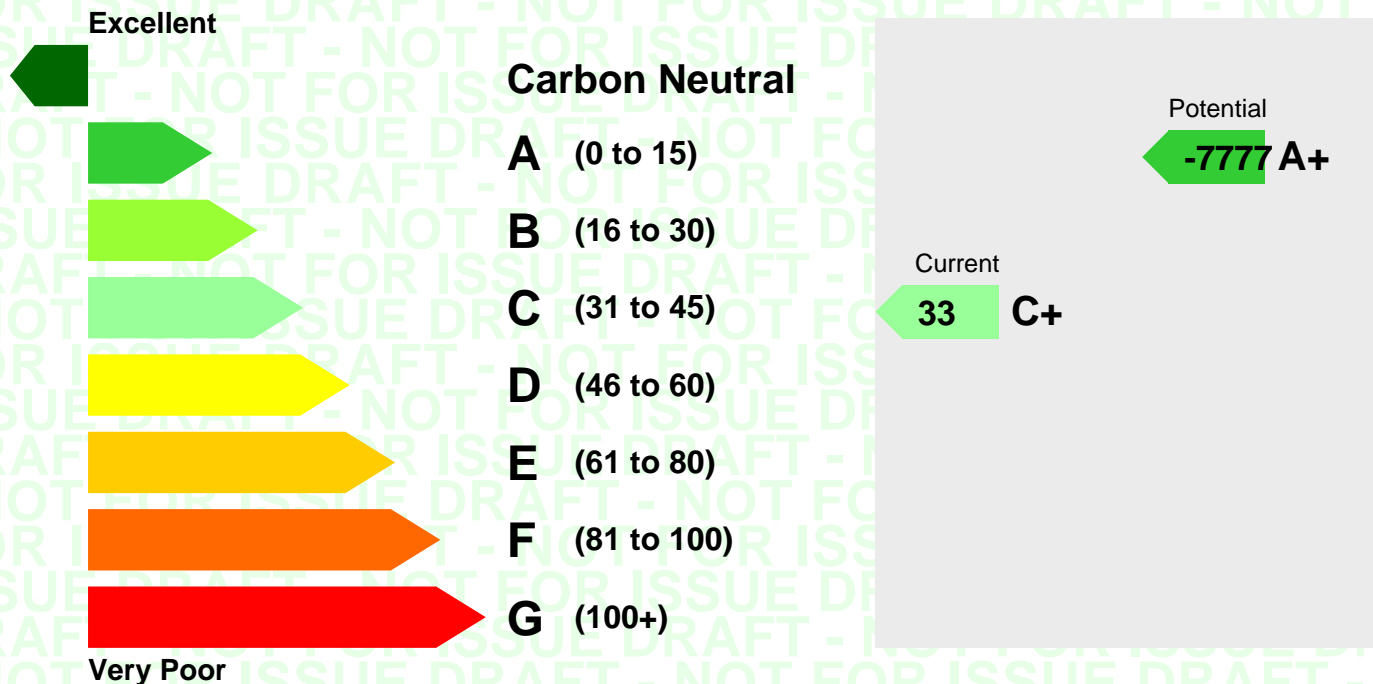
Non-Domestic buildings and buildings other than dwellings

Causewayend, Aberdeen, AB25 3TJ

Date of assessment: 01 Apr 2009
Date of certificate: 24 Aug 2016
Total conditioned area: 7995.6 m²
Primary energy indicator: 190 kWh/m².yr

Reference number: 0000-0040-0030-9000-0103
Building type: Universities/college
Assessment software: EPCgen, v5.2.g.3
Approved organisation: CIBSE Certification Limited

Building Energy Performance Rating



Approximate Energy Use: 150 kWh per m² per year
Approximate Carbon Dioxide Emissions: 33.48 kgCO₂ per m² per year

The building energy performance rating is a measure of the effect of a building on the environment in terms of carbon dioxide (CO₂) emissions. The better the rating, the less impact on the environment. The current rating is based upon an assessor's survey of the building. The potential rating shows the effect of undertaking all of the recommended measures listed below. The Recommendations Report which accompanies this certificate explains how this rating is calculated and gives further information on the performance of this building and how to improve it.

Benchmark

A building of this type built to current building regulations at the date of issue of this certificate would have a building energy performance rating of: 38 C

Recommendations for the cost-effective improvement of 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.
2. Consider replacing T8 lamps with retrofit T5 conversion kit.
3. In some spaces, the solar gain limit defined in the NCM is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.
4. Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.

There are additional improvement measures applicable to this building. Refer to the Recommendations Report.

THIS PAGE IS THE ENERGY PERFORMANCE CERTIFICATE WHICH MUST BE AFFIXED TO THE BUILDING AND NOT BE REMOVED UNLESS REPLACED WITH AN UPDATED CERTIFICATE.