

## Overview

This standard is about reporting on the energy efficiency of Level 3 and Level 4 non-dwellings, providing recommendations for energy efficiency measures and communicating these recommendations to the customer.

This standard relates to existing Level 3 non-dwellings and new and existing Level 4 non-dwellings, which can be assessed using the Simplified Building Energy Model (SBEM). The standard requires that you produce Energy Performance Certificate Recommendations Reports for non-dwellings using SBEM and provide a clearly defined and robust hierarchy of energy efficiency measures for reducing the energy use of a non-domestic building. You must be able to communicate the value of a Recommendations Report to customers and provide an Implementation Plan to assist building owners to take action to achieve the possible savings set out in the Report.

Note that the term 'assessment' is used throughout the standards when referring to the overall process of determining the Asset Rating of a property, or its Operational Rating, whereas 'inspection' is used only when referring to on-site inspection of the property and its features.

The references to customers throughout the standard refer both to internal customers, such as line managers, as well as external customers; for example, individuals who have contracted your services or representatives of external customer organisations.

You must understand and work to the requirements of each devolved nation.

## Performance criteria

*You must be able to:*

### **Building Energy Model (SBEM)**

1. use the Simplified Building Energy Model (SBEM) approved software to generate energy efficiency measures that improve energy performance for Level 3 and Level 4 non-dwellings
2. describe the relevant devolved nation's prescribed format and content for Energy Performance Certificate Recommendations Reports
3. identify the range of energy efficiency measures for the property that may be included within Energy Performance Certificate Recommendations Reports
4. confirm the Energy Performance Certificate Recommendations Report, ensuring compliance with the relevant devolved nation's requirements
5. produce and maintain electronic and paper records of your findings, in accordance with professional requirements and the relevant data protection legislation

### **Provide a clearly defined and robust hierarchy of energy efficiency measures for a non-domestic building**

1. confirm the energy efficiency measures generated and make relevant deletions, additions and amendments based on the practical and economic feasibility for the building under consideration, providing and documenting your reasons
2. understand the relative costs of any energy efficiency measures which may be proposed
3. provide a hierarchy of energy efficiency measures based on carbon impact and payback period
4. produce a valid Energy Performance Certificate Recommendations Report, in accordance with the relevant devolved nation's approved guidance
5. provide initial advice on the implementation of the energy efficiency measures selected

### **Communicate the value of an Energy Performance Certificate Recommendations Report and how it can be used**

1. explain the objective of producing Energy Performance Certificate Recommendations Reports

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2. explain the difference between high, medium and low carbon impact energy efficiency measures, giving examples of the scale of savings that may be achieved by each
  3. explain which elements have greater impact on the energy performance of the building in question and why
  4. explain how estimates of costs for energy efficiency measures have been arrived at and how robust they are
  5. communicate and explain the energy efficiency measures to the customer
  6. understand the importance of retaining documentation for audit purposes and in accordance with the relevant data protection legislation
  7. highlight the required information in the Energy Performance Certificate Recommendations Report to meet the customer's requirements

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Report on the energy efficiency of Level 3 and Level 4 non-dwellings using the Simplified Building Energy Model (SBEM)



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## Knowledge and understanding

*You need to know and understand:*