
Overview

This standard is about establishing the operational ratings for the energy performance of buildings. It covers the review of available energy usage information and the gathering of additional information to identify the energy performance and establish the operational rating of buildings.

This standard is for professionals in energy management and advice. You will understand and work to the requirements of each devolved nation.

Performance criteria

You must be able to:

1. identify the relevant features of the building fabric and services that affect operational energy performance
2. conduct an assessment of the activities, products, systems and processes that affect the current operational energy usage and associated carbon emissions of the building
3. identify on-site or building integrated energy generation (microgeneration) or heat generators
4. review available energy usage information on the building
5. identify gaps in the energy usage information of the building and obtain additional information if required
6. undertake a physical inspection of all aspects of the building
7. make the relevant observations and take the required measurements to provide data for the calculation of energy ratings
8. use obtained data to corroborate earlier information on energy performance of the building
9. identify additional information or investigation, if required
10. establish the overall operational energy performance ratings for the building
11. make, maintain and store records of energy performance data in accordance with the relevant data protection legislation

Knowledge and understanding

You need to know and understand:

1. the use of operational energy performance rating calculations using relevant units of measurement
2. how to recognise the various types of building construction and materials from inspection and investigation
3. the different types of on-site or building integrated energy generation or heat generators and their effect on energy usage and carbon emissions
4. the equipment and resources required to undertake inspections
5. the detailed inspection requirements that apply to the building as defined by the prescribed methodology
6. how to identify the different types of services in the building and how they perform in relation to energy and carbon use
7. the activities, products, systems and processes of the customer organisation and their impact on energy and carbon consumption
8. the required range of information and evidence relating to the building, its use and energy performance as defined by the prescribed methodology
9. the range of methods, formats and conventions for recording information and evidence on the building, its use and energy performance
10. how to establish the overall operational energy performance ratings for the building
11. how your organisation must comply with the relevant data protection legislation

Scope/range

Information from:

- building logbooks
- energy performance certification
- logs
- meter readings
- energy bills

Measurements:

- using correct equipment
- in accordance with RICS code of measuring practice

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