

ASTSOTV3

Make recommendations and give advice on the introduction of energy efficiency measures in older and traditional buildings



Overview

This standard is about selecting appropriate energy efficiency measures based on a full understanding of the building's current thermal performance and structure. It also involves advising on the installation of the measures and how to maximise thermal performance of the building.

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Performance criteria

- You must be able to:*
- P1 refine measures from the original Green Deal Advice Report (or equivalent programmes) based on:
 - P1.1 an understanding of the building
 - P1.2 the range of options available and appropriate to the building
 - P1.3 the likely effectiveness and value for money for measures to improve energy performance
 - P1.4 the repairs that may be required and the appropriate maintenance needed prior to the installation of the measures under consideration to maximise thermal performance of the measures
 - P2 prepare a summary and explanation of the suitability of energy efficiency measures selected and their implications and any repairs and ongoing maintenance requirements to maximise the thermal performance of the measures
 - P3 justify the selection of energy efficiency measures for the purposes of audit including:
 - P3.1 proposed action above and below default values for energy performance
 - P3.2 why certain energy efficiency measures have not been selected
 - P3.3 specific design, installation or operational features used to minimise the impact of the chosen energy efficiency measures on the building
 - P4 describe the implications of the relevant legal and regulatory requirements on the installation of energy efficiency measure in older and traditional buildings with particular
 - P4.1 planning permission
 - P4.2 listed building consent
 - P4.3 conservation area
 - P4.4 local listing
 - P4.5 scheduled ancient monument
 - P4.6 national buildings regulations, including any exemptions and special considerations for older and traditional buildings
 - P5 explain the requirements for the delivery of the energy efficiency measures including the packaging and sequencing of measures, any repairs needed to enable them, and any works needed to protect the building and its features

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Knowledge and understanding

You need to know and understand:

- K1 ways of refining measures from the original Green Deal Advice Report (or equivalent programmes) based on:
 - K1.1 an understanding of the building
 - K1.2 the range of options available and appropriate to the building
 - K1.3 the likely effectiveness and value for money of measures to improve the energy performance
 - K1.4 the repairs needed to enable installation of the measures under consideration
 - K1.5 the importance of appropriate maintenance and repair methods on thermal performance of buildings and recognising how poor maintenance can undermine thermal performance
- K2 how to prepare a summary and explanation of the energy efficiency measures selected and their implications and any repairs needed to enable them
- K3 valid justifications for the selection of energy efficiency measures which will meet audit purposes including:
 - K3.1 Proposed action above and below default values for energy efficiency performance
 - K3.2 Why certain energy efficiency measures have not been selected
 - K3.3 Specific design, installation or operational features used to minimise impacts of the chosen energy efficiency measures in the building
- K4 how to identify if the building is in conservation area, listed building or local listing
- K5 requires consents, approvals and other relevant regulatory compliance including Planning Permission, Listed Building Consent, and the special consideration for traditional and historic buildings in national Building Regulations and how to explain them to customers
- K6 the requirements for the delivery of the energy efficiency measures including the packaging and sequencing of measures, any repairs needed to enable them, and any works needed to protect the building or its features and how to explain them to customers

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Relevant occupations Green Deal Advisors; Building Surveyors; Conservationists

Suite Energy advice & reporting for traditional properties

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