



Australian Government

CPPHES4007 Assess thermal performance of existing residential buildings

Release: 2

CPPHES4007 Assess thermal performance of existing residential buildings

Modification History

- Release 2 This version first released with CPP Property Services Training Package Release 14.0.
Updated reference to reflect correction in Modification History from CPC Property Services 5.0 to CPP Property Services 9.0.
- Release 1 This version first released with CPC Property Services Training Package Release 5.0.
Supersedes and equivalent to CPPHSA4004A Assess thermal performance of existing residences using non-rating tools and techniques. Updated to meet the Standards for Training Packages.

Application

This unit specifies the skills and knowledge required to source and analyse information on the thermal performance of existing residences. It includes providing advice on ways to improve thermal performance accounting for ownership and type of building, costs and practicalities of implementing improvement recommendations.

This unit is for individuals who work independently as home sustainability assessors using specialised knowledge to complete thermal performance assessments. It involves completing routine and non-routine tasks and dealing with predictable and sometimes unpredictable problems.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

None.

Unit Sector

Home Sustainability.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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| 1 Plan and organise thermal performance assessment. | 1.1 | Consult with client to clarify purpose of thermal performance assessment and respond to questions and concerns. |
| | 1.2 | Confirm assessment requirements in line with client needs, legislation, regulations, standards, codes and government incentive programs for improving thermal performance of existing residential buildings. |
| | 1.3 | Plan thermal performance assessment in consultation with client and according to work health and safety (WHS) requirements. |
| | 1.4 | Prepare thermal performance assessment documentation and confirm that required tools and equipment are available and in working order. |
| 2 Compile and analyse information on thermal performance of residence. | 2.1 | Gather information from client to clarify building use and construction details. |
| | 2.2 | Select and fit required personal protective equipment (PPE). |
| | 2.3 | Carry out measurements and observations during on-site inspection to confirm factors impacting thermal performance. |
| | 2.4 | Record information using appropriate data collection tool. |
| | 2.5 | Analyse information to identify strengths and weaknesses in thermal performance of residence. |
| 3 Analyse options for improving thermal performance of residence. | 3.1 | Source technical information on building thermal performance and evaluate suitability for existing residence. |
| | 3.2 | Identify government rebates and other assistance programs for thermal performance of existing residential buildings. |
| | 3.3 | Evaluate options for improving thermal performance and reducing emissions of the residence. |
| | 3.4 | Identify cost effective measures for improving thermal performance of the residence according to organisational |

requirements.

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| 4 Report findings of thermal performance assessment. | 4.1 | Collate results, recommendations and supporting evidence of thermal performance assessment. |
| | 4.2 | Write up options and prioritise recommendations for thermal performance improvements. |
| | 4.3 | Discuss report and indicative costs and improvements in thermal performance with client. |

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- oral communication skills to interact with clients from diverse social, economic and cultural backgrounds
- numeracy skills to interpret different units of measurement associated with existing residential buildings and their construction features.

Unit Mapping Information

Supersedes and equivalent to CPPHSA4004A Assess thermal performance of existing residences using non-rating tools and techniques.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>