



Australian Government

CPP51012 Diploma of Residential Building Energy Assessment

Release 2

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Modification History

Version	Comments
1	This version first released with CPP07 Property Services Training Package Version 11.
2	Update superseded imported equivalent units from elective list: • BSBMGT617A to BSBMGT617 • BSBMKG609A to BSBMKG609 • BSBPMG510A to BSBPMG522 • BSBRSK501B to BSBRSK501 • TAEDL404A to TAEDL404 This version released with CPP07 Version 14.4.

Description

This qualification is designed to meet the needs of those engaged in assessing the energy and thermal performance of residential buildings.

Potential users of this qualification include Nationwide House Energy Rating Scheme (NatHERS) assessors, enterprises, government agencies, industry regulatory bodies, community organisations, building designers, architects and other building professionals associated with residential building thermal performance.

This qualification is suitable for an Australian Apprenticeship pathway.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability skill	Industry/enterprise requirements for this qualification
Communication	• uses appropriate techniques to give clear and accurate information to clients • relays information and provides feedback to team members • interprets relevant regulations, legislation and definitions, codes, organisational policies, industry standards, safety signs, financial requirements, plans, drawings, specifications, and project documentation • demonstrates awareness of individual, social and cultural differences • researches, prepares and presents a range of documents relating to home energy rating assessments, including contracts, quotes, reports and action plans • uses effective interpersonal skills and communication techniques to provide advice on ways of enhancing thermal performance of residential buildings • uses active listening skills and appropriate techniques to manage and resolve conflict
Teamwork	• develops effective relationships with clients • conducts peer reviews of NatHERS assessments • consults with others to determine individual and team roles and responsibilities • mentors others, including NatHERS assessors, in the workplace • provides specialist advice and feedback where required • maintains effective work relationships • identifies team dynamics and causes of conflict and stress within teams • facilitates meetings
Problem solving	• identifies ways of improving thermal and energy performance of planned and existing residential buildings • makes recommendations based on the outputs of home energy rating software tools • correctly applies methods for inputting information on non-standard building materials and designs when conducting thermal performance assessments • negotiates and resolves conflict between clients and stakeholders • seeks satisfactory resolution of issues raised by clients • uses appropriate strategies to identify, mitigate and eliminate risks • estimates the cost of measures designed to improve residential building thermal performance measures • assesses thermal performance of complex residential buildings using home energy rating software tools
Initiative and	• educates clients, including building professionals, tradespeople and end

enterprise	- users, about thermal performance features of residential buildings - promotes use of low and zero carbon technologies to enhance energy performance of residential buildings - analyses own work practices and process outcomes critically - engages colleagues and shares knowledge on residential building thermal performance - adapts to new workplace situations
Planning and organising	- quality assures NatHERS assessments - prepares and administers documentation and implements organisational policies and procedures - collects, organises and collates information - prepares tender documentation - plans building thermal performance assessments within time and cost restraints - develops risk management plans, personal development plans, and reports
Self-management	- identifies limitations of role, responsibilities and abilities and follows ethical practices, regulatory and organisational requirements and business standards - works without supervision - models sustainable practices - uses feedback to improve own performance - uses personal presentation, manner and language consistent with industry code of practice - assesses competing demands for work time and identifies and organises tasks to achieve individual, team and enterprise work priorities - participates in quality assurance, mentoring and peer review activities as a way of improving personal performance and competence
Learning	- identifies and accesses professional development opportunities - maintains knowledge of current codes, standards, regulations, practices and industry updates - assesses personal strengths and weaknesses in providing NatHERS assessment services against job requirements, industry competency standards and other relevant benchmarks to determine personal development priorities and action where necessary
Technology	- applies the regulatory and non-regulatory functions of NatHERS software tools - applies home energy rating software tools to assess the thermal performance of complex residential buildings - recognises assumptions and limitations inherent in home energy rating software tools - uses information technology to undertake research and complete business documents - uses a range of measuring equipment and documentary sources in

	gathering information relevant to NatHERS assessments • calibrates relevant tools and equipment • applies general purpose computer software, such as word processing and database packages, to prepare reports • uses the internet to access information on residential building thermal performance products and services
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The industry/enterprise requirements described above for each employability skill are representative of the property industry in general and may not reflect specific job roles. Learning and assessment strategies for this qualification should be based on the requirements of the units of competency for this qualification.

This table is a summary of employability skills that are typical of this qualification and should not be interpreted as definitive.

Packaging Rules

To achieve this qualification, the candidate must demonstrate competency in:

- 14 units of competency:
 - 3 core units
 - 11 elective units.

The elective units must ensure the integrity of the AQF alignment and contribute to a valid, industry-supported vocational outcome and are to be chosen as follows:

- a minimum of four units must be chosen from Group A
- a maximum of seven units may be chosen from Group B
- three of the eleven units may be chosen from other Diploma or Advanced Diploma qualifications in CPP07, or another current Training Package or state-accredited course; with it being possible to choose one of those three units also from a Certificate IV qualification.

Core units	
CPPHSA5001A	Assess thermal performance of complex residential buildings
CPPHSA5002A	Assess thermal performance and energy efficiency of residential buildings
CPPHSA5003A	Manage quality assurance of NatHERS assessments
Elective units	
Group A	
CPPCMN4012A	Contribute to sustainable solutions throughout a building's life cycle
CPPHSA5004A	Educate clients about thermal efficiency of residential buildings

CPPHSA5005A	Peer review NatHERS assessments
CPPHSA5006A	Promote low and zero carbon energy technologies in residential buildings
TAEDEL404	Mentor in the workplace
Group B	
BSBHRM402A	Recruit, select and induct staff
BSBMGT617	Develop and implement a business plan
BSBMKG609	Develop a marketing plan
BSBPMG522	Manage projects
BSBRSK501	Manage risk
CPPCMN4002B	Implement and monitor environmentally sustainable work practices
CPPCMN4011A	Communicate and market sustainable solutions
CPPCMN5001A	Plan for a sustainable business
CPPDSM5036A	Prepare tender documentation in the property industry

Custom Content Section

Not applicable.