CPCCST4002
Undertake the heritage restoration process

Application

This unit of competency specifies the skills and knowledge required by skilled and experienced tradespersons to undertake heritage restoration work.

The unit of competency applies to a range of tradespersons across disciplines who are involved in heritage restoration and conservation projects and may be required to work under the supervision of a heritage professional.

It is not the intent of this unit to replicate the technical processes associated with the performance of the trade skills necessary to complete the work. The unit applies to the processes associated with the application of existing high-level trade skills in the specialist heritage restoration environment.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

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

Prerequisite Unit

Nil.

Unit Sector

Construction.

Elements and Performance Criteria

1. Identify heritage restoration requirements.	1.1	Identify and adhere to relevant heritage restoration legislation, regulations, guidelines, standards and codes.
	1.2	Read, interpret and follow heritage restoration requirements from plans, specifications, work instructions and workplace safety documentation.
	1.3	Apply organisational policies and procedures associated with the restoration of historically significant buildings.
	1.4	Read contract and identify conditions and obligations for heritage restoration work.
	1.5	Develop a work plan detailing tasks and timeframes.
2. Undertake restoration work.	2.1	Initiate and apply the consultative processes to confirm restoration applications and finishes.
	2.2	Maintain ongoing consultations with heritage professionals to ensure contractual requirements are compliant and fulfilled.
	2.3	Implement workplace safety requirement for public and on-site worker

		protection.
	2.4	Use approved methods to protect existing surrounding surfaces from damage or deterioration during the restoration work.
	2.5	Perform the technical restoration work in accordance with the highest trade standards and codes.
	2.6	Identify problems that emerge during the heritage restoration and address and rectify issues in consultation with the project team, ensuring compliance with heritage restoration requirements.
3. Monitor progress of restoration work.	3.1	Monitor conformance of restoration work activities against the work plan.
	3.2	Notify relevant person regarding problems, delays and disruptions and adjust the work plan.
	3.3	Record and document work undertaken, materials used and recognised technical problems, their impact on the works and rectification undertaken.
	3.4	Complete heritage restoration work to meet contractual obligations and heritage standards and codes.
	3.5	Save work and reporting documentation and finalise contractual requirements.
4. Clean up.	4.1	Remove materials used for existing surface protection avoiding damage to surfaces
	4.2	Clear the work area, and dispose of, reuse or recycle materials following workplace and environmental requirements.
	4.2	Clean tools and equipment, check for serviceability and report damage or faults.

Foundation Skills

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

- oral skills to:
  - use questioning techniques to confirm and clarify information during the consultative process
- writing skills to:
  - integrate heritage information using correct terminology into records and documents for reporting
- problem solving skills to:
  - identify unfamiliar heritage restoration problems
  - redefine the problem area and produce appropriate solutions
- technology skills to:
  - use digital tools and devices to communicate and collaborate effectively with others
  - use equipment and programs to access and extract information and develop relevant documentation.

Unit Mapping Information

Supersedes and equivalent to CPCCBC4039A Undertake the heritage restoration process.

Links

Companion Volume Implementation Guide:
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad

Assessment Requirements for CPCCST4002
Undertake the heritage restoration process

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by undertaking and completing a minimum of one heritage building or structure restoration project.

In doing this, the candidate must:

- determine restoration application and finishes in consultation with heritage professionals
- prepare a work schedule and determine work priorities with others on site
- select appropriate equipment and tools and check for serviceability and select, fit and use personal protective equipment
- preserve the fabric of the heritage building or structure
- maintain a record of heritage restoration work carried out and materials used.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- government legislation relating to heritage restoration
- heritage significance as stated in:
    - The Burra Charter
    - Heritage Act
    - Heritage Building Classifications
- construction regulations, standards and codes
- relevant knowledge of characteristics and features of period architecture and period plastering associated with historic buildings
- processes and techniques of:
    - providing appropriate cover protection
    - heritage restoration work
    - gathering, documenting and filing relevant heritage information
- characteristics, applications and limitations of materials used for restoration work
- functional and operational features of plant, equipment and hand and power tools
    - battery operated tools
- workplace processes and practices
- workplace safety:
    - working at heights
    - erection of work platforms
    - exposure to silica
    - exposure to excessive noise
    - hazardous manual tasks

    - working with hazardous substances
    - hazardous manual tasks
    - erections of exclusion zones and signage
- preserving the fabric of a building or structure and retarding deterioration
- digital devices, applications and software to achieve tasks outcome
- key features of plans, specifications and drafting techniques
- compliance requirements for relevant trade skills:
    - carpentry
    - gilding
    - painting
    - plastering
    - plumbing
    - stonemasonry
    - tiling

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or in a simulated workplace environment.

Candidates must be provided with:

- relevant government heritage legislation:
    - The Burra Charter
    - Heritage Act
    - Heritage Building Classifications
- current building and construction codes and standards
- National Construction Code
- construction and heritage drawings and specifications
- organisational policies and procedures and other quality documentation required to undertake the performance criteria and assessment requirements
- digital devices, applications and software to transmit, receive and save information electronically.

Links

Companion Volume Implementation Guide:
https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad