



Australian Government

AHCPGD502 Plan the restoration of parks and gardens

Release: 1

AHCPGD502 Plan the restoration of parks and gardens

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to plan the restoration of parks and gardens of historical or cultural significance, develop a comprehensive restoration program of works and develop a relevant site plan, specifications and work procedures.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Pre-requisite Unit

Nil.

Unit Sector

Parks and gardens (PGD)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Carry out preliminary planning activities for restoration works	1.1 Consult with client and confirm preferences and requirements for the park or garden 1.2 Assess the site for biophysical factors, historical and cultural attributes, services and site modifications 1.3 Research the legal attributes and local by-laws and restrictions that may affect the plan for restoration works

Element	Performance criteria
	1.4 Identify the environmental implications of the planned restoration works and, if necessary, report to relevant personnel for further research 1.5 Develop a concept plan that reflects client preferences and requirements and takes into account heritage issues, site factors and any identified environmental requirements and present to the client for discussion and approval 1.6 Consult other professionals to assist in research and planning of restoration works to meet legislative requirements
2. Determine requirements of restoration works	2.1 Identify plants that are appropriate to the site, consistent with the agreed concept plan and the original design philosophy, and take into consideration historical and cultural values 2.2 Calculate and cost the required quantity of plants and confirm availability and genetic integrity with suppliers 2.3 Select restoration procedures that are consistent with the agreed concept plan, account for the characteristics of available plant materials, resources and equipment and account for the environmental factors affecting the success of the restoration works 2.4 Include maintenance of softscape and hardscape components of the park or garden 2.5 Identify and cost resources, tools, equipment and machinery required for the planting and ongoing maintenance of the restoration works and confirm availability with suppliers, contractors and appropriate personnel 2.6 Identify work health and safety hazards, assess risks and develop controls 2.7 Outline staged implementation and development, where appropriate, including providing access for future works as required by client and site requirements 2.8 Determine timelines for preparations, planting and maintenance, taking into account the needs of the restoration species, the softscape and hardscape components, site conditions, and other relevant planning requirements
3. Prepare and document the restoration plan and specifications	3.1 Prepare a detailed plan, specifications and quotation based on horticultural conventions, original design philosophy and the requirements of the restoration works, and present to the client for acceptance 3.2 Produce a scaled site plan which can be readily interpreted and understood by on-site personnel 3.3 Develop and document detailed on-site procedures and schedules required for the restoration of the park or garden and its ongoing maintenance

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCPGD502A Plan the restoration of parks and gardens.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCPGD502 Plan the restoration of parks and gardens

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting.

The candidate must provide evidence that they can:

- determine requirements of the restoration work
- consult with clients
- select restoration procedures that are consistent with the agreed concept plan, appropriate to the site and account for historical and cultural values, available resources and relevant environmental factors
- calculate the cost and spatial and logistical requirements of components of the restoration works
- comply with legislative requirements
- research and evaluate information
- prepare and document the restoration plan and specifications
- prepare a site plan that can be understood by on-site personnel

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of park and garden restoration
 - construction procedures, plant selection and cultural practices for historically or culturally significant parks and gardens
 - growth habits and cultural requirements of specific plants under a range of soil and environmental conditions
 - historic parks and gardens management principles and guidelines
 - legislation and regulations relating to heritage sites and restoration works
 - maintenance requirements and practices for specific plants prior to and after initial establishment

- principles of the Australian Natural Heritage Charter, the Draft Guidelines for the Protection, Management and Use of Aboriginal and Torres Strait Islander Cultural Heritage Places and the Burra Charter
- role of project briefs and client consultation processes in planning restoration works
- site evaluation techniques, including methods of analysing the condition of soils, plants and waterways for restoration activities

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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