

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCPGD502	Plan the restoration of parks and gardens
Application	<p>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.</p> <p>The unit applies to individuals who apply specialist skills and knowledge to planning the restoration of parks and gardens, take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information, and analyse, design and communicate solutions to sometimes complex problems.</p> <p>All work is carried out to comply with workplace procedures, health and safety in the workplace requirements, legislative and regulatory requirements, and sustainability and biosecurity practices.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Parks and Gardens (PGD)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Carry out preliminary planning activities for restoration works	1.1 Discuss and clarify client 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 requirements and local by-laws and restrictions that may affect the plan for restoration works 1.4 Identify and minimise the environmental impact of the planned restoration works according to environmental and biosecurity legislation, regulations and workplace procedures, 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 with other professionals to assist in research and planning of restoration works to meet legislative requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Determine requirements of restoration works	2.1 Identify plants that are appropriate to the site, consistent with the agreed concept plan and original design philosophy, taking into consideration historical and cultural values 2.2 Calculate and cost quantity of plants and confirm availability and genetic integrity with suppliers 2.3 Select restoration procedures that are consistent with the agreed concept plan, and account for the characteristics of available plant materials, resources and equipment and 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 hazards and assess risks associated with work activities, and implement control measures according to workplace health and safety procedures 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 and ongoing maintenance of the park or garden

Foundation Skills	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
Skill	Description
Oral communication	<ul style="list-style-type: none"> Initiate discussions with client and other professionals, using clear language and standard industry terminology to discuss restoration preferences and requirements, and legal and legislative requirements

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPGD502 Plan the restoration of parks and gardens Release 2	AHCPGD502 Plan the restoration of parks and gardens Release 1	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCPGD502 Plan the restoration of parks and gardens
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Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has planned the restoration of parks and gardens on at least one occasion and has:</p> <ul style="list-style-type: none"> • applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures • consulted with clients • determined requirements of the restoration work • selected 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 • calculated the cost and spatial and logistical requirements of components of the restoration works • complied with legislative requirements • researched and evaluated information • prepared and documented the restoration plan and specifications. 	

Knowledge Evidence	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> • workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning the restoration of parks and gardens • principles and practices of park and garden restoration, including: <ul style="list-style-type: none"> • 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	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • a workplace setting or an environment that accurately represent workplace conditions • resources: <ul style="list-style-type: none"> • computer software and hardware relevant to planning the restoration of parks and gardens • specifications: <ul style="list-style-type: none"> • workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning the restoration of parks and gardens • legislative and regulatory requirements relevant to planning the restoration of parks and gardens • Australian Natural Heritage Charter and the Draft Guidelines for the Protection, Management and Use of Aboriginal and Torres Strait Islander Cultural Heritage Places and the Burra Charter • relationships: 	

Assessment Conditions	
<ul style="list-style-type: none">• clients, other professionals• timeframes:<ul style="list-style-type: none">• according to job requirements. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72