



Australian Government

Department of Education, Employment and Workplace Relations

AHCPGD502A Plan the restoration of parks and gardens

Release: 1

AHCPGD502A Plan the restoration of parks and gardens

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of planning the restoration of parks and gardens of historical or cultural significance, developing a comprehensive restoration program of works and the development of a relevant site plan, specifications and work procedures and defines the standard required to: assess a restoration site and develop a concept plan; determine the requirements of restoration works; document a detailed plan, specification and quotation; document all procedures required for restoration and ongoing maintenance; document the schedules of work for restoration and maintenance.
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Application of the Unit

Application of the unit	The unit applies to the process of documenting the project management plan for the restoration of park and gardens.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

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1. Carry out preliminary planning activities for restoration works	1.1. Client preferences and requirements for the park or garden are understood and confirmed. 1.2. The site is assessed for biophysical factors, historical and cultural attributes, services and site modifications. 1.3. Research is conducted and legal attributes and local by-laws and restrictions are identified that may affect the plan for restoration works. 1.4. Environmental implications of the planned restoration works are identified and, if necessary, reported to relevant personnel for further research. 1.5. A concept plan that reflects client preferences and requirements and takes into account heritage issues, site factors and any identified environmental requirements is developed and presented to the client for discussion and approval. 1.6. Other professionals are consulted to assist in research and planning of restoration works according to legislative and enterprise requirements.
2. Determine requirements of restoration works	2.1. 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 are identified and the required quantity calculated and costed, and availability and genetic integrity confirmed with suppliers. 2.2. Restoration procedures are selected consistent with the agreed concept plan and according to the characteristics of available plant materials, the resources and equipment available, and the environmental factors affecting the success of the restoration works. 2.3. Maintenance of softscape and hardscape components of the park or garden is provided for according to client requirements, enterprise standards and site capabilities. 2.4. Resources, tools, equipment and machinery required for the planting and ongoing maintenance of the restoration works are identified, costed, and availability confirmed with suppliers, contractors and appropriate personnel. 2.5. Occupational Health and Safety (OHS) hazards associated with the restoration works are identified, risks assessed and controls developed according to

ELEMENT	PERFORMANCE CRITERIA
	enterprise guidelines, costed and documented in the plan. 2.6. Staged implementation and development are outlined, where appropriate, with access for future works provided for according to client, enterprise and site requirements. 2.7. Timelines for preparations, planting and maintenance are determined taking into account the needs of the restoration species, the softscape and hardscape components, site conditions, and any other planning requirements.
3. Prepare and document the restoration plan and specifications	3.1. Detailed plan, specifications and quotation are prepared based on horticultural conventions, original design philosophy and the requirements of the restoration works, and are presented to the client for acceptance. 3.2. Scaled site plan is produced which can be readily interpreted and understood by on-site personnel according to enterprise standards. 3.3. Detailed on-site procedures and schedules required for the restoration of the park or garden and its ongoing maintenance are developed and documented.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- research and evaluate information
- calculate the cost and spatial and logistical requirements of components of the restoration works
- comply with legislative requirements
- use literacy skills to fulfil job roles as required by the organisation. The level of skill may range from reading and understanding documentation to completion of written reports
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views

REQUIRED SKILLS AND KNOWLEDGE

- use numeracy skills to estimate, calculate and record complex workplace measures
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- historic parks and gardens management principles and guidelines
- construction procedures, plant selection and cultural practices for historically or culturally significant parks and gardens
- legislation and regulations relating to heritage sites and restoration works
- site evaluation techniques including methods of analysing the condition of soils, plants and waterways for restoration activities
- growth habits and cultural requirements of specific plants under a range of soil and environmental conditions
- maintenance requirements and practices for specific plants prior to and after initial establishment
- role of project briefs and client consultation processes in planning restoration works
- principles of the 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.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • assess a restoration site and develop a concept plan • determine the requirements of restoration works • document a detailed plan, specification and quotation • document all procedures required for restoration and ongoing maintenance • document the schedules of work for restoration and maintenance.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Parks and gardens may include:	• a range of parks and gardens of cultural significance catering to public recreational and leisure activities.
Relevant charters may include:	• the 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.

Unit Sector(s)

Unit sector	Parks and gardens
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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