



Australian Government

AHCPGD402 Plan a plant establishment program

Release: 2

AHCPGD402 Plan a plant establishment program

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to develop a plant establishment program and a relevant site plan and specifications.

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

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 the plant establishment program	1.1 Consult with client and clarify preferences and requirements for the plant establishment program 1.2 Research plant species and cultivars; and local by-laws and

Elements	Performance criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	restrictions that may affect the plant establishment program 1.3 Identify environmental implications of the planned program and, if necessary, report to relevant personnel for further research 1.4 Develop a concept plan that reflects client preferences and requirements and takes into account site factors and any identified environmental requirements 1.5 Present the concept plan to the client for discussion and approval
2. Determine requirements of the plant establishment program	2.1 Identify plant species and cultivars appropriate to the site and consistent with the agreed concept plan 2.2 Calculate and cost the required quantity and confirm availability with suppliers 2.3 Select plant establishment procedures that suit the characteristics of available plant materials, the resources and equipment available and environmental factors that would affect the success of the plant establishment program 2.4 Identify post-planting care requirements 2.5 Identify and cost resources, tools, equipment and machinery required for planting and post-planting care and confirm availability confirmed with suppliers, contractors and appropriate personnel 2.6 Identify work health and safety hazards, assess risks and develop controls, estimate costs and documented in the plan 2.7 Outline staged implementation and development, where appropriate, and provide access for future works provided 2.8 Determine timelines for preparations, planting and post-planting care, taking into account the needs of the plant species and cultivars, site conditions, and any other planning requirements
3. Prepare and document the plant establishment program and specification	3.1 Produce a scaled site plan which can be readily interpreted and understood by on-site personnel 3.2 Develop and document detailed on-site procedures and schedules required for the planting of the site and post-planting care of plants 3.3 Prepare detailed plan, specifications and quotation based on the requirements of the program, and present to the client for acceptance

Foundation Skills

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.

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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPGD402 Plan a plant establishment program Release 2	AHCPGD402 Plan a plant establishment program Release 1	Minor typographical error corrected	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

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

Assessment Requirements for AHCPGD402 Plan a plant establishment program

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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:

- plan a plant establishment program
- consult with clients
- document plans, specifications and work procedures
- comply with legislative requirements
- write plans and reports that staff, clients and contractors can understand
- calculate the cost and spatial and logistical requirements of components of the plant establishment program.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- identification, propagation and establishment techniques of specific plant species and cultivars
- the advantages and disadvantages of a range of plant establishment procedures
- maintenance requirements and practices for specific plant species and cultivars, prior to and after initial establishment
- processes and techniques for preparing, costing and documenting plans for and scheduling plant establishment activities
- processes and techniques for scheduling plant establishment activities.

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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