

Modification history

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 2 ⁴	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCPGD402	Plan a plant establishment program
Application	<p>This unit of competency describes the skills and knowledge required to plan and document a plant establishment program, including and a relevant site plan, and work procedures, schedules, and specifications.</p> <p>The unit applies to individuals who apply specialist skills and knowledge to designing plant displays. This includes applying 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 communicating non routine technical solutions to predictable and unpredictable a range of 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 the plant establishment program	1.1 Consult with client to establish and clarify preferences and requirements for the plant establishment program 1.2 Research plant species and cultivars; and local by-laws and 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

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 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 Determine/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 hazards and assess risks in the workplace, and implement control measures to manage risks according to workplace health and safety procedures/work health and safety hazards, assess risks and develop controls , estimate costs and document ed 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	
<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
Reading	<ul style="list-style-type: none"> Identify and interpret information regarding requirements for plant establishment program, site plan, work procedures, schedules, and specifications
Oral communication	<ul style="list-style-type: none"> Initiate discussions with client, using clear language to discuss program preferences and requirements, site factors, budget and concept plan, and negotiate program agreement

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPGD402 Plan a plant establishment program Release 3	AHCPGD402 Plan a plant establishment program Release 2	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated	Equivalent
AHCPGD402 Plan a plant establishment program Release 2	AHCPGD402 Plan a plant establishment program Release 1	Minor typographical error corrected	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 AHCPGD402 Plan a plant establishment program
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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual [has planned a plant establishment program on at least one occasion and has](#) ~~can~~:

- ~~plan a plant establishment program~~
- consulted with clients
- ~~document plans, specifications and work procedures~~
- complied with local by-laws and restrictions ~~legislative requirements~~
- ~~applied relevant workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures~~
- ~~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
- ~~documented plant establishment program, site plan, work procedures, schedules, and specifications.~~

Knowledge Evidence

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:

- [workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning a plant establishment program](#)
- [local by-laws and restrictions relevant to planning a plant establishment program](#)
- [principles and practices of plant establishment program planning, including:](#)
 - 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

[Assessment of the skills in this unit of competency must take place under the following conditions:](#)

- [physical conditions:](#)
 - [a workplace setting or an environment that accurately represent workplace conditions](#)
- [resources, equipment and materials:](#)
 - [industry publications, internet and in house sources of information relevant to planning a plant establishment program](#)
- [specifications:](#)
 - [workplace health and safety and environmental and biosecurity legislation, regulations and workplace procedures relevant to planning a plant establishment program](#)
 - [local by-laws and restrictions relevant to planning a plant establishment program](#)
- [relationships:](#)
 - [clients](#)
- [timeframes:](#)
 - [according to job requirements.](#)

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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