



Australian Government

AHCPGD307 Implement a plant establishment program

Release: 1

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Modification History

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

Application

This unit of competency describes the skills and knowledge required to establish planting areas, including preparing, implementing, reviewing and completing plant establishment work, in new projects and in programs of extensive replacement and renovation works across a range of situations and environments.

The unit applies to individuals who implement a plant establishment program under broad direction, and take responsibility for their own work and for the quality of the work of others.

No licensing, legislative or certification requirements 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. Prepare to establish a planting area	1.1 Identify the planting site, planting methods and plant species and cultivars from site plan and specifications 1.2 Identify potential hazards and risks, and implement safe working practices to manage risks 1.3 Select materials, tools, equipment and machinery required to implement a plant establishment program and check for safe operation 1.4 Select, fit, use and maintain personal protective equipment (PPE)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	applicable to the task 1.5 Maintain a clean and safe work area
2. Prepare the planting area	2.1 Determine the layout of services against site plan and report discrepancies to supervisor and relevant authority 2.2 Check and confirm site layout and plant stock against site plan and report discrepancies 2.3 Prepare planting site according to site plan 2.4 Select and apply additives as required by site conditions 2.5 Mark out the positions of plants on site 2.6 Remove and dispose of debris and pollutants from the site
3. Undertake planting operation	3.1 Inspect all plants for health, vigour and well-established root systems prior to being planted 3.2 Return plants with major defects to supplier or set aside to be returned 3.3 Trim or treat plants with minor defects to maintain health and vigour 3.4 Space plants appropriately 3.5 Use planting methods that comply with growing requirements of individual plant species and cultivars 3.6 Apply water to planting site where required 3.7 Provide newly placed plants with post-planting care 3.8 Prune plants, where necessary, according to needs of species and cultivar to ensure plants develop a sound framework for their growth and habit
4. Review the plant establishment works	4.1 Review plant establishment program as required 4.2 Identify, record and report plants incorrectly planted, or situations that will prevent plants from reaching their full potential 4.3 Take remedial action to ensure all requirements of plant establishment program are implemented
5. Complete establishment works	5.1 Complete surface finishes including mulch 5.2 Dispose of or recycle waste material from the planting site 5.3 Clean, maintain and store tools, equipment and machinery

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	5.4 Identify and report unserviceable tools, equipment and machinery according to workplace procedures 5.5 Record completed plant establishment program and report to supervisor

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.

Skill	Description
Oral communication	Use clear language to report tool, equipment and machinery unserviceability
Numeracy	- Estimate area, volume and ratios, and calculate application rates - Apply numerical information to determine quantities, material and application rates

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCPGD307 Implement a plant establishment program	AHCPGD301 Implement a plant establishment program	Minor changes to application Major changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

Links

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

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