



Australian Government

Assessment Requirements for AHCPGD307 Implement a plant establishment program

Release: 1

Assessment Requirements for AHCPGD307 Implement a plant establishment program

Modification History

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

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 implemented a plant establishment program on at least one occasion and has:

- interpreted site plans and specifications
- applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)
- selected, used and maintained tools, equipment and machinery required for implementing a plant establishment program
- checked and confirmed site plan and plant stock
- measured quantities, calculated material requirements, area, volume, ratios and application rates
- carried out planting operations
- inspected and determined plant quality and health
- ensured planting methods comply with plant species and cultivar growing requirements
- pruned plants to ensure they develop a sound framework for their growth and habit
- reviewed site establishment program
- reported unserviceable tools, equipment and machinery
- recorded and reported work outcomes.

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:

- principles and practices of plant establishment, including:
 - soils and soil amelioration techniques

- the identification of pests and diseases, plant symptoms of infections, treatment threshold levels, recommended treatments, methods of application and environmental implications
- the objectives of the plant establishment program, including finished plant forms, site appearance, end use and time constraints
- selection and calculation of stock requirements
- site planning
- the physiology of required plant species and cultivars, culture and planting procedures, including growth rates, main nutrient and water requirements, deficiency symptoms, recommended treatments and associated environmental implications
- workplace requirements applicable to health and safety in the workplace for implementing a plant establishment program, including appropriate use of PPE.

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:
 - workplace procedures applicable to implementing a plant establishment program
 - materials, tools, equipment and machinery applicable to implementing a plant establishment program
 - plants
 - PPE applicable to implementing a plant establishment program
- specifications:
 - workplace requirements applicable to health and safety in the workplace for implementing a plant establishment program
 - site plans and specifications applicable to implementing a plant establishment program
- relationships:
 - supervisor
- 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.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>