



Australian Government

AHCPGD501 Manage plant cultural practices

Release: 1

AHCPGD501 Manage plant cultural practices

Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to manage a plant cultural program.

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

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Define the plant cultural requirements of the site	1.1 Survey and record the range of plant life areas and plant species 1.2 Determine, acquire and maintain materials, equipment and labour required for implementation and maintenance 1.3 Identify work health and safety hazards, assess risks and implement appropriate controls 1.4 Assess staff capability and skills and knowledge against implementation and maintenance requirements

Element	Performance criteria
	1.5 Implement staff training and development as required to bridge gaps
2. Develop a plant cultural program for the site	2.1 Determine plant cultural practices over the duration of a documented planning period 2.2 Sample, prepare and test soil types and growing media through field tests by staff and laboratory tests by specialist services 2.3 Allocate resources and develop appropriate budgets for the implementation period 2.4 Source and contract required specialist cultural practice services 2.5 Develop a schedule of operations for the implementation period 2.6 Allow for environmental and cultural contingencies in the site program
3. Manage the implementation of the program	3.1 Implement routine and contracted services 3.2 Interpret test results and appropriately ameliorate soils and growing media 3.3 Allocate and supervise staff and appraise for performance 3.4 Confirm that materials and equipment are used according to work health and safety requirements and documented safe operating procedures 3.5 Log progress reports detailing the on-going results of the plant cultural program
4. Monitor, review and document the program	4.1 Itemise daily workplace records, weekly or monthly expenses, and other information relevant to the plant cultural program in registers or diaries 4.2 Evaluate costs and expenditure against budgets and document in a report 4.3 Monitor, and evaluate routine and contracted services and record performance audits 4.4 Compare the plant cultural program to previous programs and make appropriate adjustments 4.5 Document results in a report covering all items of recorded information in the program

Foundation Skills

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

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCPGD501A Manage plant cultural practices.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCPGD501 Manage plant cultural practices

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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:

- allocate resources
- contract specialist services
- determine plant cultural requirements
- develop a plant cultural program and budget documentation
- manage contingencies
- plan schedule of operations
- supervise, monitor and appraise the performance of work team and contracted services

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of plant cultural practice management
 - budgeting and planning
 - operation and maintenance of irrigation systems
 - plant anatomy, physiology, morphology, taxonomy and nomenclature
 - plant cultural practices
 - plant identification and selection
 - plant maintenance practices
 - plant nutrition requirements and practices
 - soil types, properties, field tests and sampling techniques

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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