



Australian Government

Assessment Requirements for AHCNSY308 Maintain nursery plants

Release: 1

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Modification History

Release	Comments
Release1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

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 maintained nursery plants on at least three occasions, and has:

- prepared for nursery plant maintenance activities according to workplace instructions
- applied workplace health and safety requirements, including use of PPE equipment
- selected, cleaned, used and maintained nursery plant maintenance tools and equipment
- applied workplace hygiene practices
- monitored and adjusted environmental conditions
- implemented plant maintenance activities according to workplace instructions
- serviced irrigation system components
- applied and monitored water according to plant needs and environmental conditions
- monitored plant health, and applied interventions as required
- recognised stages of plant growth
- removed and disposed of waste material
- recorded nursery plant maintenance activities and irrigation system service activities.

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 requirements applicable to health and safety in the workplace for maintaining nursery plants
- principles and practices of nursery plant maintenance, including:
 - plant physiology as it applies to plant maintenance
 - symptoms of unhealthy nursery plants, likely causes and treatment options
 - effect of different pruning and intervention methods
 - effects of environmental conditions on plant growth

- best practice guidelines for nursery hygiene
- methods of calculating daily water needs
- optimum growing conditions for a range of plants in a nursery
- principles and operations of irrigation systems used in nurseries
- processes for modifying environmental conditions
- relationship between plant water needs and environmental conditions
- treatments required by plants at different growth stages
- irrigation system manufacturer specifications.

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 represents workplace conditions
- resources, equipment and materials:
 - nursery plants
 - nursery plant maintenance tools and equipment
 - irrigation system, tools and components
 - personal protective equipment applicable to nursery plant maintenance
- specifications:
 - workplace requirements applicable to health and safety in the workplace and nursery plant maintenance
 - work instructions, workplace procedures, quality specifications and best practice guidelines for nursery hygiene applicable to nursery plant maintenance
 - irrigation system manufacturer specifications
- 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>