



**Australian Government**

# **Assessment Requirements for AHCDRG305 Install drainage systems**

**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 4.0.

## 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 installed drainage systems on at least one occasion and has:

- applied workplace health and safety requirements
- prepared for installation activities
- selected materials, tools, equipment and machinery appropriate to the scope of works
- interpreted drainage system plans and drawings
- interpreted site specifications, soil types and drainage system plans
- measured materials required to install drainage systems
- set out drainage system works
- set out, surveyed, tested and excavated the installation site
- levelled and aligned earthworks
- installed drainage system works
- tested the drainage system
- restored site and removed and disposed of waste material.

## 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 installing drainage systems
- principles and practices of drainage installation
- drain types, components and installation techniques
- purposes of drainage systems and the application of drainage system plans
- soil characteristics and their impact on drainage systems.

## Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
  - a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - work specifications and workplace procedures applicable to installing drainage systems
  - drainage system installation equipment
  - drainage system installation tools and equipment and procedures
  - personal protective equipment applicable to installing drainage systems
- specifications:
  - workplace requirements applicable to health and safety in the workplace and installing drainage system
- relationships:
  - supervisor
- timeframes:
  - according to job requirements.

Assessors of this unit must satisfy the requirements of 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>