



Australian Government

Assessment Requirements for AHCIRG509 Develop an irrigation and drainage management plan

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture, 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 developed an irrigation and drainage management plan on at least one occasion and has:

- compiled and analysed complex information
- used a range of irrigation and information management software
- interpreted statistical data and measurements
- developed plans and reports
- developed and implemented relevant workplace health and safety and environmental procedures
- identified adverse environmental impacts of irrigation system activities and recommended appropriate remedial action.

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 policies and procedures relevant to irrigation and drainage management planning
- measuring and monitoring procedures
- readily available water
- water table and salinity
- soil, plant and water relationships
- computerised irrigation systems
- methods and techniques of irrigation
- environmental impacts of irrigation systems using water from any ground or underground source
- irrigation system options.

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:
 - computer and irrigation and information management software
- specifications:
 - workplace policies and procedures relevant to irrigation and drainage management planning
- timeframes:
 - according to the 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>