



Australian Government

Assessment Requirements for AHCIRG443 Supervise irrigation system maintenance

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 supervised irrigation system maintenance on at least one occasion and has:

- developed workplace procedures for pre-season, irrigation and post-season maintenance
- carried out visual checks for blockages or signs of wear in components
- checked connections and controllers
- checked sprinkler output and function
- confirmed operational pressures
- ensured proper operation of automatic flush valves
- inspected irrigation systems
- serviced irrigation equipment
- pressure tested systems
- tested emitter output and function
- tested irrigation equipment
- maintained testing equipment.

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 irrigation system maintenance supervision
- operation and maintenance requirements
- workplace procedures for pre-season, irrigation and post-season maintenance
- pre and post-season maintenance procedures
- workplace health and safety hazards and safe work procedures
- environmental impacts of irrigation maintenance
- drainage systems
- system components

- system inspection
- operating pressures and output
- pumping and distribution systems
- distribution uniformity
- visual checks for blockages or signs of wear in components
- equipment testing
- pressure testing procedures.

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:
 - irrigation system testing equipment and manual specifications:
 - workplace procedures applicable to health and safety in the workplace and irrigation system maintenance
- relationships:
 - specialist technical personnel
- 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>