



Australian Government

Assessment Requirements for AHCIRG347 Maintain pressurised irrigation systems

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 maintained a pressurised irrigation system on at least two occasions and has:

- interpreted and applied maintenance procedures
- applied workplace health and safety requirements
- identified adverse environmental impacts of irrigation activities and taken appropriate remedial action
- checked connections and controllers
- checked sprinkler/emitter output and function
- ensured proper operation of automatic flush valves
- removed, serviced and replaced valves and filters
- confirmed operational pressures
- tested irrigation 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:

- workplace requirements applicable to health and safety in the workplace for maintaining pressurised irrigation systems
- pressurised irrigation equipment operation and maintenance manual
- characteristics, operation and common operation and maintenance problems of pressurised irrigation system components, including:
 - pipes,
 - joints,
 - valves,
 - emitters, and
 - pumps.

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:
 - pressurised irrigation system operation and maintenance manual
 - personal protective equipment applicable to maintaining pressurised irrigation systems
- specifications:
 - work instructions and workplace procedures applicable to maintaining pressurised irrigation systems
 - pressurised irrigation system tools, equipment and procedures
 - workplace requirements applicable to health and safety in the workplace and maintaining pressurised irrigation systems
 - recording procedures
- 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>