



Australian Government

Assessment Requirements for AHCIRG217 Assist with pressurised irrigation operations

Release: 1

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Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- assemble and join irrigation system components
- carry out basic maintenance tasks
- carry out irrigation operating tasks
- complete installation work
- fix identified faults
- follow directions to operate pumps, filters and valves
- look for leaks and faulty sprinklers
- prepare materials, tools and equipment
- recognise and report faults
- undertake site preparation tasks as directed

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of pressurised irrigation systems
- characteristics and operation of replaceable components of sprinkler irrigation systems
- environmental impacts of irrigation from ground or underground source
- installation techniques and procedures
- irrigation controllers
- irrigation pipes, types and sizes
- irrigation times to deliver sufficient volume without over watering
- operation of pressurised irrigation system
- set out procedures
- signs of stress in plants as well as the signs of over and under watering

- sprinkler irrigation components and their function
- sprinkler spacing, coverage and pressure
- system malfunctions and their likely causes
- types of sprinklers

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>