



Australian Government

Assessment Requirements for AHCIRG215 Assist with low volume 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 low volume irrigation operating tasks
- complete installation work
- fix identified faults
- follow directions to operate pumps, filters and valves
- install irrigation components
- look for leaks and faulty emitters
- 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 practice of low volume irrigation operation
- characteristics and operation of joints, valves and emitter components
- components in low volume irrigation systems
- emitter spacing, coverage and pressure
- indicators of over and under watering
- installation techniques and procedures
- irrigation controllers
- irrigation pipes, types and sizes
- irrigation times to deliver sufficient volume without over watering

- methods and techniques of low volume irrigation installation
- operation of low volume irrigation system
- set out procedures
- system malfunctions and their likely causes
- use of recycled water and colour coding of pipes
- water requirements of relevant plants

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>