



Australian Government

Assessment Requirements for AHCIRG216 Assist with surface 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:

- carry out surface irrigation operating tasks as directed
- check siphons for even water flow
- look for uneven water distribution or drainage
- monitor required head and water levels in head ditch
- open and close check valves
- record and report maintenance activities and faults
- start and pull siphons
- use mechanical equipment to build and repair banks and for weed removal

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of surface irrigation
- channels, furrows, borders, fittings and outlets
- damage and problems that occur with gravity-fed irrigation systems
- environmental impacts of irrigation using water from any ground or underground source
- identification, characteristics and operation of surface irrigation structures and components
- signs of stress in plants as well as the signs of over and under-watering
- system cleaning procedures
- system malfunctions and their likely causes
- purpose and principles of surface irrigation
- weed types encountered in gravity fed irrigation systems and their control

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

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