



Australian Government

Assessment Requirements for AHCIRG415 Interpret and apply irrigation designs

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:

- read contour maps and interpret elevations and distances
- mark out procedures
- interpret technical drawings and site plans
- calculate pressures, flows, velocities and friction losses
- determine efficiency of the system with varying system components

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of irrigation design interpretation
- erosion control and design principles
- how to interpret plans and general and technical specifications
- hydraulic calculations
- levels and levelling
- principles of native topsoil conservation and protection
- pumps and pumping system components
- relevant work health and safety and environmental requirements
- selection of water pumping and distribution components delivery based on specifications and requirements

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>