



Australian Government

**Assessment Requirements for AHCIRG337
Measure irrigation delivery system
performance**

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 measured irrigation delivery system performance on at least two occasions and has:

- applied measuring and testing techniques
- identified adverse environmental impacts of irrigation activities and taken appropriate remedial action
- accessed and prepared data records for both print-based and computer-based data
- used computers to record and report data
- calculated pressure differentials, flow rates, crop yields, estimated water usage and actual water usage
- used computers to record and report data.

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:

- measuring and monitoring procedures for factors contributing to irrigation system delivery
- soil water retention testing techniques
- water authority standards and procedures
- environmental impacts of irrigation, using water from any ground or underground source.

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:
 - irrigation system equipment

- irrigation delivery system performance measuring tools and equipment
- computer and software for recording and reporting data
- specifications:
 - measuring and 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>