



Australian Government

Assessment Requirements for AHCIRG328 Operate irrigation controller and sensor technology

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and 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 operated irrigation controller and sensor technology on at least two occasions, and has:

- applied workplace health and safety requirements
- selected tools and equipment appropriate to the scope of works
- maintained and checked irrigation controller and sensor equipment for accuracy
- operated irrigation controllers and sensors
- checked the accuracy of controller and sensor equipment, and adjusted
- recorded the results of sampling and testing
- recorded observations and 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:

- workplace requirements applicable to health and safety in the workplace for operating irrigation controller and sensor technology, including working with extra low voltage wiring according to Australian Standards
- basic electrical testing procedures and safety practices
- irrigation controller and sensor operating and testing procedures
- environmental procedures for use, storage and recycling of electronic equipment and batteries
- data recording procedures.

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 controller and sensor installation and operating equipment
 - irrigation controllers and sensors
 - personal protective equipment applicable to installing and operating irrigation controller and sensor technology
- specifications:
 - work instructions and workplace procedures applicable to operating irrigation controller and sensor technology
 - workplace requirements applicable to health and safety in the workplace for operating irrigation controller and sensor technology
 - Australian Standards applicable to working with extra low voltage wiring
 - irrigation controller and sensor operating and testing procedures
 - data recording procedures
 - environmental procedures for use, storage and recycling of electronic equipment and batteries
- relationships:
 - supervisor
- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for 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>