



Australian Government

Assessment Requirements for AHCIRG219 Assist with low volume irrigation operations

Release: 1

Assessment Requirements for AHCIRG219 Assist with low volume irrigation operations

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 assisted with at least one low volume irrigation operation on at least one occasion and has:

- applied workplace health and safety requirements
- selected, cleaned and maintained materials, tools, equipment and machinery appropriate to the scope of works
- prepared materials, tools and equipment
- undertaken site preparation tasks as directed
- assembled and joined irrigation system components
- installed irrigation components
- fixed identified faults
- recognised and reported irrigation component incorrect operation
- completed installation work
- carried out low volume irrigation operating tasks
- followed directions to operate pumps, filters and valves
- carried out basic maintenance tasks
- looked for leaks and faulty emitters.

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 assisting with low volume irrigation operations
- characteristics and operation of joints, valves and emitter components
- components in low volume irrigation systems
- irrigation controllers
- irrigation pipes, types and sizes

- system malfunctions and their likely causes
- installation techniques and procedures
- methods and techniques of low volume irrigation installation
- operation of low volume irrigation system
- principles and practice of low volume irrigation operation
- emitter spacing, coverage and pressure
- indicators of over and under watering.

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:
 - low volume irrigation system maintenance tools and equipment
 - personal protective equipment applicable to assisting with low volume irrigation operations
- specifications:
 - workplace requirements applicable to health and safety in the workplace and assisting with low volume irrigation operations
 - work instructions and workplace procedures applicable to assisting with low volume irrigation operations
- 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>