



Australian Government

Assessment Requirements for AHCIRG221 Assist with pressurised irrigation operations

Release: 1

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Modification History

| Release | Comments |
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| 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 pressurised irrigation operations on at least one occasion and has:

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

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 pressurised irrigation operations
- principles and practices of pressurised irrigation systems
- irrigation controllers
- irrigation pipes, types and sizes
- sprinkler irrigation components and their function
- set out procedures
- installation techniques and procedures
- operation of pressurised irrigation system

- sprinkler spacing, coverage and pressure
- system malfunctions and their likely causes
- types of sprinklers.

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