



Australian Government

AHCIRG222 Assist with pump and flow control device operations

Release: 1

AHCIRG222 Assist with pump and flow control device operations

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to assist with the installation and maintenance of pumps and flow control devices for irrigation.

The unit applies to individuals who assist with pump and flow control device operations under general supervision with limited autonomy and accountability.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Irrigation (IRG)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for work on pumping and flow control systems	1.1 Read work instructions and confirm with supervisor activity to be undertaken, including identifying potential hazards and risks and implementing safe working practices to minimise risks to self and others 1.2 Select appropriate tools and equipment for the task 1.3 Select, fit and use personal protective equipment and clothing applicable to the task
2. Assist with installation	2.1 Carry out installation tasks as directed for pumps and flow control

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
and maintenance tasks for pumps and flow control devices	devices 2.2 Carry out routine inspections of flow control and metering facilities in irrigation systems as directed 2.3 Carry out preventative maintenance and service of equipment and facilities as directed
3. Review, record and report activities	3.1 Clean, maintain and store tools, equipment and materials 3.2 Restore work site to meet environmental and workplace requirements 3.3 Record and report installation and maintenance activities

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret textual information from a range of sources to identify relevant and key information about workplace operations
Writing	Use correct terminology to record pump and flow control device installation and maintenance
Oral communication	Use clear language to confirm work activity and report pump and flow control device installation and maintenance
Numeracy skills	Identify pump and flow control device component part numbers
Navigate the world of work	Recognise and follow workplace requirements, including safety requirements, associated with own role and area of responsibility

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
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Code and title current version	Code and title previous version	Comments	Equivalence status
AHCIRG222 Assist with pump and flow control device operations	AHCIRG218 Assist with pump and flow control device operations	Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>