



Australian Government

Assessment Requirements for AHCIRG222

Assist with pump and flow control device operations

Release: 1

Assessment Requirements for 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.

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 pump and flow control device operations on at least one occasion and has:

- applied workplace health and safety requirements
- interpreted plans, charts and instructions
- selected and organised required tools, equipment and materials for installation and maintenance work, handle materials and use power and hand tools safely
- identified and responded to predictable operational problems
- recorded and reported installation and maintenance activities.

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 pump and flow device operations
- capacity and limitations of equipment used on the site
- lock-out procedures for mechanical and electrical installations
- types of flow control devices and their purpose
- types of pumps and their function and use
- principles and practices of pump and control flow devices
- basic principles of hydraulics and the operation of flows
- layout and performance of pipes and fittings
- flow measurement principles and procedures
- function of control systems.

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:
 - pump and control flow device maintenance tools and equipment
 - personal protective equipment applicable to assisting with pump and control flow device operations
- specifications:
 - work instructions and workplace procedures applicable to assisting with pump and control flow device 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>