



Australian Government

Department of Education, Employment and Workplace Relations

AHCIRG401A Acquire resources for irrigation installation and construction

Release: 1

AHCIRG401A Acquire resources for irrigation installation and construction

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers acquiring resources for irrigation installation and construction and defines the standard required to: organise resources for irrigation installation and construction; obtain resources for irrigation installation and construction; arrange connection of temporary services; organise on site labour.
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Application of the Unit

Application of the unit	This unit applies to irrigation installers who acquire resources for irrigation installation and construction including completion of formalities for commencing work.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Notify client, authorities and agencies of the schedule of works	1.1. All fees due are paid and parking restrictions arranged as appropriate. 1.2. Insurance cover is established and provision for security made. 1.3. Irrigation installation and construction date is confirmed with client. 1.4. All authorities requiring formal notification of commencement of work are contacted.
2. Organise delivery of site accommodation	2.1. Site facilities are delivered and positioned on site. 2.2. Site signage is erected to comply with local government regulations.
3. Organise delivery of plant	3.1. On-site plant delivery dates are confirmed. 3.2. Rubbish removal facility is set up.
4. Arrange connection of temporary services	4.1. Temporary power and water connections are arranged with service providers, as required. 4.2. Temporary site access and egress is authorised by local authority, as required.
5. Organise on-site labour	5.1. Construction work supervisor is engaged/appointed. 5.2. Occupational Health and Safety (OHS) and industrial relation matters are addressed as required. 5.3. Appropriate installation/construction workers are employed according to contract.
6. Order material	6.1. Orders for materials are placed and site delivery dates organised using approved enterprise procedures and documentation. 6.2. Final pre-construction adjustments are made to satisfy the schedule as required by contract.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- use the project schedule to organise a sequence of pre-construction operations making allowances for any constraints
- place and check orders for materials
- negotiate start dates and manage resources to minimise delays and down-time
- identify adverse environmental impacts of irrigation activities and appropriate

REQUIRED SKILLS AND KNOWLEDGE

remedial action

- follow relevant enterprise OHS and environmental procedures
- use literacy skills to read, interpret and follow organisational policies and procedures, develop sequenced written instructions, record accurately and legibly information collected and select and apply procedures to a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification, negotiating solutions and responding to a range of views
- use numeracy skills to estimate, calculate and record routine and more complex workplace measures and data
- use interpersonal skills to work with others and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- requirements of statutory authorities and agencies
- local government regulations
- project resources budget
- ordering procedures
- labour hiring requirements and procedures
- environmental impacts of irrigation system installation using water from any ground or underground source
- relevant enterprise OHS and industrial relations requirements.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • organise resources for irrigation installation and construction • obtain resources for irrigation installation and construction • arrange connection of temporary services • organise on site labour.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Resources for installation may include:	• those for the installation and construction of gravity fed and pressurised systems.

Unit Sector(s)

Unit sector	Irrigation
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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