



Australian Government

AHCIRG404 Implement an irrigation-related environmental protection program

Release: 1

AHCIRG404 Implement an irrigation-related environmental protection program

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to implement an irrigation related environmental protection program.

It applies to individuals who analyse information and exercise judgement to complete a range of advanced skilled activities and demonstrate deep knowledge in a specific technical area. They have accountability for the work of others and analyse, design and communicate solutions to a range of complex problems. All work is carried out to comply with workplace procedures.

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

Pre-requisite Unit

Nil.

Unit Sector

Irrigation (IRG)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Provide information to workers involved in irrigation and related work	1.1 Provide information on the irrigation and drainage environmental plan to all workers and explained in detail 1.2 Explain the relevant codes of practice, legislation and regulations and their application to all workers 1.3 Explain and demonstrate information about known risks to the environment and work practices associated with irrigation

Element	Performance criteria
	practices and related activities 1.4 Explain and demonstrate the organisation's environmental record systems and procedures 1.5 Identify environmental protection induction and training needs and make arrangements to fulfil those needs
2. Implement and monitor procedures for identifying risks to the environment and maintaining effective control measures	2.1 Identify and report risks to the environment so that adequate risk assessment and control measures can be implemented 2.2 Implement work procedures to control risks to the environment and carry out regular monitoring to ensure ongoing adherence and effectiveness of risk control 2.3 Identify inadequacies in existing risk control measures and raise measures to reduce exposure to environmental pollution events through improved work processes and procedures with the owner or manager 2.4 Identify and report inadequacies in allocation of resources to ensure environmental protection
3. Implement procedures for responding to potential and actual environmental pollution events	3.1 Implement procedures for responding to potential and actual pollution events to ensure that prompt and effective control action is taken 3.2 Investigate and report pollution events 3.3 Calculate stormwater control requirements 3.4 Discuss suitable measures to prevent recurrence and minimise risk of pollution events with the owner or manager, and implement revised procedures where necessary
4. Implement and monitor procedures for maintaining environmental protection record	4.1 Identify gaps in record keeping systems and rectify 4.2 Maintain environmental protection records 4.3 Monitor record keeping systems to ensure compliance

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCIRG404A Implement an irrigation-related environmental protection program.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCIRG404 Implement an irrigation-related environmental protection program

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- apply and comply with environmental requirements
- calculate stormwater control requirements
- explain and demonstrate the organisation's environmental record systems and procedures
- identify adverse environmental impacts of irrigation activities and taking appropriate remedial action
- provide and explain information on the irrigation and drainage environmental plan

Knowledge Evidence

The candidate must demonstrate knowledge of:

- environmental impacts of irrigation, using water from any ground or underground source
- environmental legislation, regulations and guidelines
- work health and safety procedures relating to investigation of irrigation-related hazards and implementation of an environmental protection program

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

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