



Australian Government

AHCIRG505 Establish and maintain an irrigation-related environmental protection program

Release: 1

AHCIRG505 Establish and maintain 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 establish and maintain an irrigation-related environmental protection program.

It applies to individuals who analyse information and exercise judgement to complete a range of 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. Establish and maintain an irrigation and drainage environmental protection program	1.1 Develop an irrigation and drainage environmental plan in consultation with property owner or manager 1.2 Define environmental responsibilities for the property and include in the duties of all personnel 1.3 Include financial and human resources to implement the environmental plan in a timely and consistent manner 1.4 Establish and maintain environmental records

Element	Performance criteria
2. Establish and maintain arrangements to ensure the involvement of all personnel in the environmental program	2.1 Develop procedures and processes that allow and encourage all personnel at all levels to have input into environmental issues 2.2 Address issues raised through involvement and consultation with personnel
3. Establish and maintain risk management procedures to protect the environment from irrigation practices and related activities	3.1 Establish and maintain procedures for identifying and assessing existing and potential risks to the environment arising from irrigation practices and related activities 3.2 Design work processes and procedures to reduce or eliminate risks and hazards to the environment 3.3 Establish and maintain organisational and administrative systems to control risks to the environment arising from irrigation practices and related activities 3.4 Establish and maintain procedures to monitor risks to the environment and compliance with relevant legislation and regulations
4. Establish and maintain procedures for responding to environmental pollution events	4.1 Identify potential environmental pollution events 4.2 Develop procedures to control the level of risk associated with pollution events in consultation with relevant environmental protection agencies and local government authorities 4.3 Provide appropriate information and training to personnel to ensure prompt implementation of response procedures
5. Establish and maintain an environmental protection induction and training program	5.1 Develop an environmental protection induction and training program and incorporate into the organisational personnel training program to ensure compliance with relevant legislation and regulations 5.2 Maintain records of environmental protection training

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 AHCIRG505A Establish and maintain 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 AHCIRG505 Establish and maintain 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
- audit data bases
- develop and implement relevant work health and safety and environmental procedures
- develop policies and procedures
- identify adverse environmental impacts of irrigation activities and take appropriate remedial action
- use technology to draft documents, develop environmental information and audit data bases

Knowledge Evidence

The candidate must demonstrate knowledge of:

- environmental impacts of irrigation, using water from any ground or underground source
- environmental planning for irrigation and drainage
- external factors that may affect the system
- relevant work health and safety and environmental protection legislation, codes of practice and enterprise procedures

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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