

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 4.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

AHCIRG505	Establish and maintain an irrigation-related environmental protection program
Application	<p>This unit of competency describes the skills and knowledge required to establish and maintain an irrigation-related environmental protection program.</p> <p>The unit applies to individuals who apply specialised skills and knowledge to establish and maintain an irrigation-related environmental protection program, and take personal responsibility and exercise autonomy in undertaking complex work. They analyse and synthesise information and analyse, design and communicate solutions to sometimes complex problems.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Irrigation (IRG)

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. Establish and maintain an irrigation and drainage environmental protection program	1.1 Develop an irrigation and drainage environmental protection plan in consultation with property owner or manager 1.2 Define environmental responsibilities for the property and include in the duties of all staff 1.3 Include financial and human resources to implement the environmental protection plan in a timely and consistent manner 1.4 Establish and maintain workplace environmental records
2. Encourage staff involvement in the environmental protection program	2.1 Develop environmental issue reporting procedures and processes that allow and encourage staff to provide input into environmental issues 2.2 Address environmental issues raised by with staff 2.3 Document environmental issues and solutions 2.4 Incorporate solutions into environmental protection plan
3. Develop environmental protection program risk management procedures	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, regulations and codes of practice
4. Develop 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 staff to ensure prompt implementation of response procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
5. Develop and maintain an environmental protection induction and training program	5.1 Develop an environmental protection induction and training program 5.2 Incorporate environmental protection training into the organisational staff training program 5.3 Maintain environmental protection training records

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Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Identify and interpret information regarding environmental protection requirements for environmental protection plan and program Interpret environmental protection legislation, regulation, codes of practice and workplace procedures
Writing	<ul style="list-style-type: none"> Develop and document an irrigation and drainage environmental protection plan Develop environmental issue reporting procedures and processes Develop and maintain workplace environmental records Document environmental issues and solutions
Oral communication	<ul style="list-style-type: none"> Initiate discussions and use clear language with property owner or manager and staff to develop irrigation-related environmental protection plan and program Initiate discussions with relevant environmental protection agencies and local government authorities to establish procedures to control level of risk and maintain compliance with relevant legislation and regulations
Navigate the world of work	<ul style="list-style-type: none"> Identify and describe own workplace requirements, including safety requirements, associated with own role and area of responsibility
Interact with others	<ul style="list-style-type: none"> Use appropriate language and communication skills to disseminate information about irrigation-related environmental protection program, plan, procedures and processes

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCIRG505 Establish and maintain an irrigation-related environmental protection program Release 2	AHCIRG505 Establish and maintain an irrigation-related environmental protection program Release 1	Minor changes to performance criteria and foundation skills	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCIRG505 Establish and maintain an irrigation-related environmental protection program
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has established and maintained an irrigation-related environmental protection program on at least one occasion and has:</p> <ul style="list-style-type: none"> • applied and complied with environmental requirements • audited data bases • developed and implemented relevant workplace health and safety and environmental procedures • developed environmental protection program, plan, policies and procedures • identified adverse environmental impacts of irrigation activities and taken appropriate remedial action • used technology to draft documents, develop environmental information and audit data bases. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • environmental impacts of irrigation, using water from any ground or underground source • environmental protection planning for irrigation and drainage • external factors that may affect the system • relevant workplace health and safety and environmental protection legislation, regulation, codes of practice and workplace procedures. 	
Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • a workplace setting or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • workplace health and safety and environmental protection legislation, regulations, codes of practice and workplace procedures applicable to establishing and maintaining an irrigation-related environmental protection program • relationships: <ul style="list-style-type: none"> • property owner, manager, staff, environmental protection agency and local government authorities • timeframes: <ul style="list-style-type: none"> • according to the job requirements. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	<p>Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</p>