

**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.

<b>AHCIRG404</b>	<b>Implement an irrigation-related environmental protection program</b>
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to implement an irrigation related environmental protection program.</p> <p>The unit applies to individuals who apply specialised skills and knowledge to the implementation of an irrigation related environmental protection program and have responsibility for the output of others. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	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. Provide information to staff involved in irrigation and related work	1.1 Provide information on the irrigation and drainage environmental protection plan to staff and explain 1.2 Explain relevant environmental protection legislation, regulation, codes of practice and workplace procedures and their application to staff 1.3 Explain and demonstrate information about known risks to the environment and work practices associated with irrigation practices and related activities 1.4 Explain and demonstrate workplace environmental record system and procedures 1.5 Identify environmental protection induction and training needs and arrange training as required
2. Implement and monitor procedures for identifying risks to the environment and maintaining effective control measures	2.1 Identify and report environmental risks so that adequate risk assessment and control measures can be implemented 2.2 Implement and monitor irrigation related environmental protection plan and program 2.3 Identify and record inadequacies in existing risk control measures or allocation of resources according to environmental issue reporting procedures and processes 2.4 Report environmental or resource allocation issues and measures to the owner or manager
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 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 and rectify gaps in record keeping systems 4.2 Maintain environmental protection records 4.3 Monitor record keeping systems to ensure compliance

<b>Foundation Skills</b>	
<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>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Identify and interpret information regarding irrigation related environmental protection program</li> <li>Identify and interpret relevant environmental protection legislation, regulation, codes of practice and workplace procedures</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Record inadequate risk control measures or allocation of resources according to environmental issue reporting procedures and processes</li> <li>Maintain environmental protection records</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Calculate stormwater control requirements</li> </ul>
Navigate the world of work	<ul style="list-style-type: none"> <li>Identify and describe own workplace requirements, including safety requirements, associated with own role and area of responsibility</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCIRG404 Implement an irrigation-related environmental protection program Release 2	AHCIRG404A Implement an irrigation-related environmental protection program Release 1	Minor changes to performance criteria and foundation skills	Equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCIRG404 Implement an irrigation-related environmental protection program</b>
<b>Performance Evidence</b>	
<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 implemented an irrigation related environmental protection program on at least one occasion and has:</p> <ul style="list-style-type: none"> <li>• provided and explained information on the irrigation and drainage environmental protection plan</li> <li>• applied and complied with relevant environmental protection legislation, regulation, codes of practice, and workplace procedures</li> <li>• calculated stormwater control requirements</li> <li>• explained and demonstrated the workplace environmental record system and procedures</li> <li>• identified adverse environmental impacts of irrigation activities and taken appropriate remedial action.</li> </ul>	
<b>Knowledge Evidence</b>	
<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"> <li>• environmental impacts of irrigation, using water from any ground or underground source</li> <li>• environmental protection legislation, regulation, codes of practice, and workplace procedures relevant to irrigation related environmental protection programs</li> <li>• workplace health and safety procedures relating to investigation of irrigation related hazards and implementation of an environmental protection plan.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions:             <ul style="list-style-type: none"> <li>• a workplace setting or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials:             <ul style="list-style-type: none"> <li>• relevant environmental protection legislation, regulation, codes of practice, and workplace procedures</li> <li>• stormwater measuring equipment and procedures</li> </ul> </li> <li>• specifications:             <ul style="list-style-type: none"> <li>• irrigation and drainage environmental protection plan</li> </ul> </li> <li>• relationships:             <ul style="list-style-type: none"> <li>• property owner, manager and staff</li> </ul> </li> <li>• timeframes:             <ul style="list-style-type: none"> <li>• according to the job requirements.</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	<p>Companion Volumes, including Implementation Guides, are available at VETNet:  <a href="https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a></p>