

# AHCSS00173 Irrigation Agronomist Skill Set

(was AHCSS00094)

Following strategic revisions of the AHC Training Package by unit sector, several qualifications and skill sets require updating to include the improved units.

Skills Insight is seeking comment from those who may be impacted by the replacement of the units so that disruptions can be minimised. These updates are not to change the intent of the qualifications, simply to include units already consulted on with stakeholders to better meet skills needs.

Below is an updated version of Irrigation Agronomist Skill Set as well as a summary of the updates made to units within it.

This document provides a list of units of competency to be updated in this skill set and includes notes on changes between the current and updated units. Other units are not included as they don't need to be changed.

#### Acronyms:

E – Equivalent

NE - Not Equivalent

PC – Performance Criteria

PE – Performance Evidence

KE – Knowledge Evidence

AC – Assessment Conditions

AHC - Agriculture, Horticulture and  
Conservation and Land Management  
Training Package

#### Key:

Superseded units / recommended  
replacements

New unit

~~Proposed deletion~~ - deleted units/units  
proposed for deletion

**Modification History**

Release	Comments
Release 1	<p>This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 10.0.</p> <p>Supersedes and (equivalency to be confirmed) <i>AHCSS00094 Irrigation Agronomist Skill Set</i>. Skill Set requirements updated.</p>

<p><b>Description</b></p> <p>This skill set provides the skills and knowledge required to provide irrigation agronomist advice to irrigation end-users on system types, purchase and use.</p>
<p><b>Pathways Information</b></p> <p>These units of competency provide credit towards a number of qualifications in the <i>AHC Agriculture, Horticulture and Conservation and Land Management Training Package</i>, including the Diploma of Irrigation Design.</p>
<p><b>Licensing/Regulatory Information</b></p> <p>No licensing, legislative or certification requirements apply to this skill set at the time of publication.</p>
<p><b>Skill Set Requirements</b></p> <ul style="list-style-type: none"> <li>• AHCIRG435 Determine hydraulic parameters for an irrigation system</li> <li>• AHCIRG436 Implement an irrigation-related environmental protection program</li> <li>• AHCIRG437 Schedule irrigations</li> <li>• AHCIRG507 Audit irrigation systems</li> <li>• AHCIRG509 Develop an irrigation and drainage management plan</li> <li>• <b>AHCSOL406 Sample soils and interpret results</b></li> <li>• <b>AHCWRK518 Provide specialist advice to clients</b></li> </ul>
<p><b>Target Group</b></p> <p>This skill set is for individuals responsible for irrigation agronomy.</p>
<p><b>Suggested words for Statement of Attainment</b></p> <p>These competencies from the <i>AHC Agriculture, Horticulture and Conservation and Land Management Training Package</i> meet the industry requirements for Irrigation Australia Ltd certified irrigation agronomist.</p>

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Current Unit	Replacement Unit	Equivalence	Notes on change
AHC SOL401 Sample soils and interpret results	AHC SOL406 Sample soils and interpret results	NE	Minor changes to <u>Application</u> Major changes to <u>Performance Criteria</u> <u>Foundation Skills</u> added <u>Assessment Requirements</u> updated
AHC WRK509 Provide specialist advice to clients	AHC WRK518 Provide specialist advice to clients	NE	Minor changes to <u>Application</u> No changes to <u>Elements</u> and minor updates to <u>Performance Criteria</u> for clarity and correct sequencing of tasks <u>Foundation Skills</u> added (Reading, Writing and Oral communication) <u>Range of Conditions</u> removed completely Addition of frequency to <u>Performance Evidence</u> and minor changes <u>Knowledge Evidence</u> updated to include methods and strategies for researching relevant information, maintaining currency of specialist knowledge and presenting to clients <u>Assessment Conditions</u> updated