

# AHCSS00172 Gravity Fed Irrigation Operator Skill Set

(was AHCSS00093)

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 Gravity Fed Irrigation Operator 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Superseded units / recommended replacements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>AHCSS00093 Gravity Fed Irrigation Operator Skill Set</i>. Skill Set requirements updated.</p>

<p><b>Description</b></p> <p>This skill set provides the skills and knowledge required to operate gravity fed irrigation systems within the irrigation industry.</p>
<p><b>Pathways Information</b></p> <p>These units of competency provide credit towards Certificate III in Irrigation Technology.</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>• AHCIRG301 Install gravity fed irrigation systems</li> <li>• AHCIRG336 Operate and maintain gravity fed irrigation systems</li> <li>• AHCIRG337 Measure irrigation delivery system performance</li> <li>• AHCIRG338 Troubleshoot irrigation systems</li> <li>• AHCIRG339 Monitor soils under irrigation</li> <li>• AHCIRG347 Maintain pressurised irrigation systems</li> <li>• <b>AHCWRK410 Implement and monitor environmentally sustainable work practices</b></li> </ul>
<p><b>Target Group</b></p> <p>This skill set is for individuals responsible for operating gravity fed irrigation systems.</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 gravity fed irrigation operator.</p>

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Current Unit	Replacement Unit	Equivalence	Notes on change
AHCWRK405 Implement and monitor environmentally sustainable work practices	AHCWRK410 Implement and monitor environmentally sustainable work practices	NE	<p>Minor changes to <u>Application</u></p> <p>Minor changes to elements and <u>Performance Criteria</u> consolidated by reordering to meet industry requirements</p> <p><u>Foundation Skills</u> added (Reading, Writing and Oral communication)</p> <p><u>Range of Conditions</u> removed completely</p> <p>Addition of frequency to <u>Performance Evidence</u> to include seeking improvement feedback from stakeholders, key personnel and specialists.</p> <p>Major and minor changes to <u>Knowledge Evidence</u> to emphasise principles of sustainability and the circular economy, environmental hazard analysis and risk assessment techniques</p> <p><u>Assessment Conditions</u> updated</p>