

Title	Determine hydraulic parameters for an irrigation system		
Level	5	Credits	15

Purpose	<p>This standard comprises this cover sheet and Australian unit of competency AHCIRG435.</p> <p>People credited with this standard are able to: confirm water delivery specifications for an irrigation system; determine pressures required to deliver required amount of water over specified area; analyse technical drawings to determine pressure losses through system; and select system components to deliver water efficiently.</p> <p>The standard applies to individuals who apply specialised skills and knowledge to determine hydraulic parameters for an irrigation system. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.</p>
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Classification	Engineering and Technology > Water Industry > Irrigation
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Available grade	Achieved
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Australian Qualifications Framework Details

Unit of Competency Code AHCIRG435

Unit of Competency Name Determine hydraulic parameters for an irrigation system

Developer [Skills Impact, Job and Skills Council, Victoria, Australia](#)

Guidance Information

- 1 The Australian unit of competency can be accessed using this link: AHCIRG435 [Determine hydraulic parameters for an irrigation system](#). The Agriculture, Horticulture and Conservation and Land Management Training Package, which contains the Irrigation qualifications, can be downloaded from the National Register, for the Vocational Education and Training (VET) Sector website (training.gov.au). This standard has been registered on New Zealand Qualifications and Credentials Framework ([NZQCF](#)) as part of the Mutual Recognition of Vocational Education and Training Qualifications between Australia and New Zealand.

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Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 April 2025	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this standard

Please contact the Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this standard.