

<b>Title</b>	<b>Select and manage pumping systems for irrigation</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	<p>This standard comprises this cover sheet and Australian unit of competency AHCIRG438.</p> <p>People credited with this standard are able to: identify irrigation system requirements from the irrigation design, select pump and supervise installation, commissioning and testing of pump system, develop maintenance procedures and troubleshoot irrigation pumping systems.</p> <p>High voltage electrical work must be carried out by a qualified electrician.</p> <p>The standard applies to individuals who apply specialised skills and knowledge to the selection and management of irrigation pumping systems and have responsibility for the output of others. This includes applying and communicating non-routine technical solutions to predictable and unpredictable problems.</p>
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<b>Classification</b>	Engineering and Technology > Water Industry > Irrigation
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<b>Available grade</b>	Achieved
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## Australian Qualifications Framework Details

**Unit of Competency Code** AHCIRG438

**Unit of Competency Name** Select and manage pumping systems for irrigation

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

## Guidance Information

- 1 The Australian unit of competency can be accessed using this link: AHCIRG438 [Select and manage pumping systems for irrigation](#). 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](http://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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<b>Planned review date</b>	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**Status information and last date for assessment for superseded versions**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

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this standard.