

Field **Engineering and Technology**

Review of *Irrigation* unit standards

Subfield	Domain	ID
Water Industry	Irrigation	27445, 27556

The Muka Tangata - People, Food and Fibre Workforce Development Council has completed the review of the unit standards listed above.

Date new versions published

January 2024

Planned review date

December 2028

Summary

The review of the above unit standards resulted from development of three micro-credentials for the irrigation industry. Meetings with industry and government representatives were held in October and November 2023. Relevant standards were reviewed for currency and accuracy and a new standard was developed to fill a gap in the process of water measurement system installation.

Main changes

- The guidance information sections across all the reviewed unit standards have been updated to meet current industry requirements.
- Standards 27445 and 27556 were reviewed for currency and accuracy and updated.
- Terminology was updated for currency throughout ('device' rather than 'system', for example).
- Standard 27445 had credit value reduced from 8 to 5. Industry indicated that the number of devices about which the learner needs to know has reduced, and the ability to get information on those devices is easier, and therefore less time is required to gain competency.
- A new standard (33324) was developed to fill a gap identified in the process of water measurement system installation.

The last date for assessment of superseded versions of Category B unit standards is December 2024

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Engineering and Technology > Water Industry > Irrigation

ID	Title	Level	Credit	Review Category
27445	Select, oversee installation, and commission a full pipe water measurement system. Select, install, and commission a full pipe water measurement device.	5	8 5	B
27556	Carry out a full pipe water measurement system verification Carry out a full pipe water measurement device verification	5	5	B
33324	Carry out a water measurement telemetry system installation and commission	5	5	New