

Field Engineering and Technology

Registration of skill standards and review of unit standards for *Field Hydrology*

Subfield	Domain	ID
Water Industry	Field Hydrology	28800 - 28803, 28805 - 28807

The Muka Tangata – People Food and Fibre Workforce Development Council has reviewed the unit standards listed above.

Date new versions published

September 2025

Planned review date

December 2030

Summary

Muka Tangata has reviewed the above standards as part of the review cycle. Over the past 6 months the project has been undertaken in close consultation with Technical Advisory Group (TAG) members and with input and support from key stakeholders across the Field Hydrology sector. As a result of the above review unit standards were expired and replaced by skill standards below.

Main changes

- Six skill standards were developed to replace six unit standards.
- Unit standard 28807 was expired without replacement.
- The standard setting body details and contact and coverage information were updated from the Primary Industry Training Organisation to Muka Tangata – People, Food and Fibre Workforce Development Council.

Category C and D unit standards will expire at the end of December 2027.

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

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Water Industry > Field Hydrology

ID	Title	Level	Credit	Review Category
28800 40888	Operate and maintain hydrometric stations Maintain and operate hydrometric stations	5	25 15	C
28801 40892	Design, plan and manage the construction of a hydrometric station Plan and coordinate hydrometric station installation	5	15 25	C
28802 40887	Carry out discharge measurement by wading Conduct and compile discharge measurement by wading	5	20 20	C

ID	Title	Level	Credit	Review Category
28803	Carry out discharge measurements using a range of platforms and methods	5	20	C
40890	Conduct and compile discharge measurements using various methods and platforms		25	
28805	Verify, process and archive hydrometric data	5	30	C
40889	Process and analyse hydrometric data		20	
28806	Construct, apply, evaluate and store hydrometric rating curves	5	20	C
40891	Construct and evaluate hydrometric rating curves		30	
28807	Present hydrometric data reviews and provide information for users	5	10	D