

Field Planning and Construction

Review of *Drainlaying* unit standards

Subfield	Domain	ID
Plumbing, Gasfitting and Drainlaying	Drainlaying	30529-30531, 30534, 30535, 30538, 30539, 30577-30579, 30600, 30601, 30612, 30613

Waihangā Ara Rau Construction and Infrastructure Workforce Development Council (Waihangā Ara Rau WDC) reviewed the unit standards listed above.

Date new versions published

May 2024

Planned review date

December 2029

Summary

Waihangā Ara Rau WDC reviewed these unit standards in line with the scheduled 5-year review cycle to update them to align to current industry practice, and to ensure that they are fit for purpose.

A series of Technical Advisory Group (TAG) meetings were held between November 2022 and November 2023 to complete this review. The TAG consisted of industry and provider representatives with consent to assess, and representatives from industry stakeholder organisations including the Plumbing, Gasfitting, and Drainlaying Board and the Ministry of Business, Innovation and Employment.

Following the review, public consultation was held in November and December 2023. Feedback received was reviewed and decisions were made in consultation with the TAG group representatives resulting in the changes below.

Main changes

- Guidance information, legislation, performance criteria and range statements were amended across the suite of unit standards to reflect the content and scope of the work, and to align with current industry practice.
- Minor wording changes were made across the suite for clarity and to meet current industry terms.
- Unit standard 30529 had the title amended and credits were reduced to 3 to accurately reflect the notional hours required for learning and assessment completion.
- Unit standards 30531, and 30578 were designated as expiring without replacement. This is due to the maintenance component not being completed at the time of installation and this was a barrier for completion.
- Three new unit standards (33326, 33328 and 33330) have been developed with separate installation and maintenance outcomes.
- Unit standard 30539 was designated as expiring and replaced by two new unit standards (33357 and 33358) with the installation outcomes and maintenance outcomes separated.
- Unit standards 30579, 30601, 30612 and 30613 had their titles amended to better reflect the outcomes and to align with current industry terms.
- Unit standard 30600 had the title amended to reflect industry terms, and the credits were increased to 5 to accurately reflect the notional hours required for learning and assessment completion.

Category C and D unit standards will expire at the end of December 2028

The last date for assessment of superseded versions of Category B unit standards is 31 December 2028

Impact on existing organisations with consent to assess

Current consent for			Consent extended to		
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Standard	30539	4	Standard	33357, 33358	4

Detailed list of unit 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

Planning and Construction > Plumbing, Gasfitting and Drainlaying > Drainlaying

ID	Title	Level	Credit	Review Category
30529	Make as-built drawings and record variations to job specifications for drainlaying jobs Prepare as-built drawings and record variations to job specifications for drainlaying jobs	4	5 3	B
30530	Demonstrate knowledge of the installation and maintenance of foulwater drains	4	10	B
30531	Install and maintain foulwater drains	4	5	D
30534	Demonstrate knowledge of wet and dry inspection chambers	3	2	B
30535	Install inspection chambers	3	2	B
30538	Demonstrate knowledge of installation, commissioning, and maintenance of on-site wastewater treatment systems	4	12	B
30539	Install, commission, and maintain on-site wastewater treatment systems	4	8	C
33357	Install and commission on-site wastewater treatment and disposal systems	4	7	
33358	Maintain on-site wastewater treatment and disposal systems	4	3	
30577	Demonstrate knowledge of the installation and maintenance of stormwater handling systems	4	9	B
30578	Install and maintain stormwater handling systems	4	4	D
30579	Install and complete wingwall structures for stormwater handling systems Install wingwall structures for stormwater handling systems	4	2	B

ID	Title	Level	Credit	Review Category
30600	Demonstrate knowledge of pumps used in drainlaying systems Demonstrate knowledge of pumped drainage systems	4	3 5	B
30601	Install pumps for drainlaying systems Install pumps for drainage systems	4	2	B
30612	Demonstrate knowledge of trade waste interceptor traps Describe trade waste systems	3	4	B
30613	Install food grease interceptor traps Install trade waste interceptor traps	3	2	B
33326	Maintain drainage systems	4	2	NEW
33328	Install stormwater handling systems	4	3	NEW
33330	Install foulwater drains	4	4	NEW