

**Field      Engineering and Technology****Review of *Design* unit standards**

Subfield	Domain	ID
Design	Interior Design	2078, 16536, 26947
	Kitchen and Bathroom Design	25208, 25209, 26934-26946, 26948-26950, 27274-27282

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council has completed the review of the unit standards listed above.

**Date new versions published****March 2023****Summary**

These standards were overdue for review and there has been a lack of use in the past five years.

Providers and industry representatives were consulted from September – October 2022 on future use and need for these standards. Consultation documents were published on the Waihanga Ara Rau website and circulated via email. Confirmation was received from providers and industry representatives that they agreed with the expiry of the standards.

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council recommends that these unit standards be expired.

**Main changes**

- All unit standards are set to expire on 31 December 2023 due to low or no recent usage.

**Category D unit standards will expire at the end of December 2023****Detailed list of unit standards – classification, title, level, and credits**

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

**Engineering and Technology > Design > Interior Design**

ID	Title	Level	Credit	Review Category
2078	Produce a record of interior design work	5	6	D
16536	Produce construction drawings for interior designs	4	30	D
26947	Design a laundry or utility room	5	15	D

**Engineering and Technology > Design > Kitchen and Bathroom Design**

ID	Title	Level	Credit	Review Category
25208	Demonstrate knowledge of cabinet construction, installation, and maintenance for use in a kitchen design	2	6	D

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
25209	Demonstrate knowledge of surface materials for use in a kitchen design	2	6	D
26934	Solve kitchen or bathroom design problems	3	12	D
26935	Develop and present design solutions for a kitchen or bathroom and generate a contract for the design work	4	10	D
26936	Produce and present developed designs for a kitchen or bathroom	5	12	D
26937	Demonstrate knowledge of materials for use in a bathroom design and interpret a design brief	2	12	D
26938	Demonstrate knowledge of plumbing systems and their impact on bathroom design	2	6	D
26939	Create kitchen or bathroom sketches and concept drawings	2	4	D
26940	Demonstrate and apply knowledge of the impact of ergonomic requirements on a kitchen or bathroom design	4	8	D
26941	Write a kitchen or bathroom design brief and design statement	4	6	D
26942	Demonstrate and apply knowledge of the impact of bathroom fixtures, fittings and accessories on a bathroom design	4	8	D
26943	Demonstrate and apply knowledge of the impact of mechanical systems and space planning on a bathroom design	4	8	D
26944	Record information and produce kitchen or bathroom design calculations	4	4	D
26945	Demonstrate knowledge of building construction for use in a kitchen or bathroom design	2	2	D
26946	Demonstrate and apply knowledge of the impact of design principles and elements on kitchen or bathroom designs	4	5	D
26948	Design a commercial kitchen or bathroom	5	8	D
26949	Design a kitchen or bathroom for use in a multi-level dwelling	5	15	D
26950	Design a kitchen or bathroom to meet special needs	5	15	D
27274	Demonstrate and apply knowledge of the impact of building construction on a kitchen or bathroom design	4	6	D
27275	Demonstrate and apply knowledge of the impact of mechanical systems on a kitchen design	4	8	D
27276	Demonstrate and apply knowledge of the impact of kitchen appliances on a kitchen design	4	8	D
27277	Demonstrate and apply knowledge of the impact of cabinet construction and installation on a kitchen design	4	6	D
27278	Demonstrate and apply knowledge of the impact of surface materials on a kitchen or bathroom design	4	8	D
27279	Demonstrate and apply knowledge of the impact of space planning on a kitchen design	4	6	D
27280	Analyse lighting and technology requirements and apply to developed kitchen or bathroom designs	5	8	D
27281	Analyse surface material and construction requirements and apply to developed kitchen or bathroom designs	5	10	D
27282	Demonstrate and apply knowledge of colour, styles and themes to kitchen or bathroom designs	5	12	D