

Title	Apply knowledge of products and materials to residential kitchen design		
Level	5	Credits	15

Purpose	<p>This unit standard is intended for those working in residential kitchen design and planning.</p> <p>People credited with this unit standard are able to apply knowledge of products and materials to residential kitchen design.</p>
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Classification	Design > Kitchen and Bathroom Design
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard is one of a family of unit standards intended to align with the *New Zealand Diploma in Design (Kitchen Design/Bathroom Design/Light Commercial Design) (Level 5) – Specifications* and the *New Zealand Diploma in Design (Level 5)* with strands in Kitchen Design, and Bathroom Design (with optional strand in Light Commercial Design) [Ref: 3221].

The assessor must be confident that the candidate can apply the skills and knowledge included in this unit standard to the level, scope and complexity required to support the achievement of related skills included in the *Specifications*.

The overarching level of performance for this family of unit standards is professional competence as a residential kitchen designer.

Professional competence requires the candidate to be capable of consistently performing the requirements of the skill specification in the context of residential kitchen design:

- to current regulatory, industry best practice, and commercial standards, including:
 - Health and Safety at Work (General Risk and Workplace Management) Regulations 2014, available from www.legislation.govt.nz;
 - The New Zealand Building Code, available from www.building.govt.nz;
 - Homes without barriers: A guide to accessible houses* (Wellington: BRANZ, 2001), available from www.branz.co.nz
- to the ethical and professional expectations of industry and consumers
- while working autonomously
- in dynamic and varied contexts.

Evidence for assessment must include a minimum of two kitchen design projects for new or existing residential dwellings.

2 Definitions

Client refers to the party for which the design is created.

Design brief refers to the document that outlines the plan for a project.

Kitchen hardware and accessories are items that make a kitchen functional.

Plumbing fittings are items that water passes through.

Plumbing fixtures are items that hold water.

3 Reference

New Zealand Diploma in Design (Kitchen Design/Bathroom Design/Light Commercial Design) (Level 5) – Specifications, Waihanga Ara Rau, April 2016, available from <https://www.waihangaararau.nz/qualifications-and-programme-endorsements/programme-guidance-documents-for-providers-developing-programmes>.

Skill specification and performance level guidance

Skill specification

Apply knowledge of products and materials to residential kitchen design.

Knowledge

Types and properties of flooring and wall materials, plumbing fixtures and fittings, hardware and accessories, appliances, and lighting used in kitchens, and their impact on kitchen design.

Types, properties, and construction of cabinetry and benchtops used in kitchens, and their impact on kitchen design.

Skills

Advise clients on product and material options to assist with the development of design briefs.

Create a set of specifications for products and materials required for kitchen design.

Performance level guidance

Properties will be context and material dependent and may include durability, material lifespan, water resistance or proofing, ease of cleaning, impact resistance, sound transfer, porosity, and stain and UV resistance.

The level of performance must reflect current industry legislation, regulations, codes, standards, and best/good practice guidelines relevant to residential kitchen or bathroom design.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 November 2018	31 December 2025
Review	2	29 June 2023	N/A

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.