

<b>Title</b>	<b>Apply knowledge of design and associated requirements to the design of light commercial kitchens or bathrooms</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>30</b>

<b>Purpose</b>	<p>This unit standard is intended for those working in light commercial kitchen or bathroom design.</p> <p>People credited with this unit standard are able to apply knowledge of design and associated requirements to the design of light commercial kitchens or bathrooms.</p>
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<b>Classification</b>	Design > Kitchen and Bathroom Design
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<b>Available grade</b>	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 light commercial kitchen or bathroom designer.

Professional competence requires the candidate to be capable of consistently performing the requirements of the skill specification in the context of light commercial kitchen or bathroom 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](http://www.legislation.govt.nz);
  - The New Zealand Building Code, available from [www.building.govt.nz](http://www.building.govt.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 or bathroom design projects for new or existing light commercial spaces.

## 2 Definitions

*Accessible* refers to ergonomically designed kitchens or bathrooms suitable for a wide variety of users, including people with different kinds of impairments.

*Associated requirements* refers to commercial grade products and materials, construction, renovation, and installation requirements, and relevant parties with which to communicate for the design of light commercial kitchens or bathrooms.

*Commercial grade* refers to the required safety, quality, and legislative standards for use in commercial spaces. *Design brief* refers to the document that outlines the plan for a design project.

*Design statement* refers to a written summary of the final design.

*Light commercial spaces* refer to multi-unit buildings such as apartment blocks and retirement villages, workplaces, cafes, schools, community, and cultural spaces.

*Surface materials* refer to materials for the surfaces of benches, doors and drawers, and walls and ceilings.

## 3 References

*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>.

NZS 4121:2001 *Design for access and mobility: Buildings and associated facilities*; available at <http://www.standards.co.nz>.

## Skill specification and performance level guidance

### Skill specification

Apply knowledge of design and associated requirements to the design of light commercial kitchens or bathrooms.

### Knowledge

Design considerations for accessible kitchens or bathrooms.

Range spatial design, ergonomic requirements, surface spaces and storage requirements, functionality, lighting systems.

Commercial grade products and materials used in kitchens or bathrooms, and their range of applications for light commercial spaces.

Range flooring, surface materials, cabinetry, fixtures, fittings, accessories, hardware, lighting components;  
kitchen design projects include – appliances, benchtops.

Construction, renovation, and installation requirements relevant to light commercial spaces, and their impact on kitchen or bathroom design.

Range framing, flooring, windows, doors, building composition, linings, finishing, mechanical plans, waterproofing, drainage, insulation, soundproofing, consents required, covenants.

Relevant parties with which to communicate for approval of the design of kitchens or bathrooms.

Range body corporates, representatives from local government, non-profit organisations, iwi, other relevant stakeholders.

### Skills

Perform a site inspection and prepare relevant documentation for light commercial kitchens or bathrooms.

Develop and present kitchen or bathroom design concepts to meet the relevant design brief parameters for light commercial spaces.

Range design concepts include – supporting documentation, sketches, recommendations, design statements, amendments to the construction or renovation plan.

Provide advice on, specify and source relevant products and materials for light commercial kitchens or bathrooms.

Range may include commercial grade products and materials.

Create working drawings to a professional standard for light commercial kitchen or bathroom design projects.

Range fully dimensioned floor plan and elevations, electrical and lighting plan, waterproofing plan, mechanical plan.

Gain approval from relevant parties to light commercial kitchen or bathroom design projects.

### Performance level guidance

Mechanical plans include venting, heating, extraction, electrical and plumbing services, water supply, and waterproofing.

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

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<b>Planned review date</b>	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 June 2023	N/A

**Consent and Moderation Requirements (CMR) reference**

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

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