

Title	Provide estimates for flooring operations		
Level	4	Credits	35

Purpose	<p>This unit standard is intended for those working in the flooring planning and design industry.</p> <p>People credited with this standard are able to provide estimates for flooring operations to the level of performance required of a commercially competent tradesperson.</p>
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Classification	Construction Trades > Flooring
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Flooring Planning & Design – Specifications* and the *New Zealand Certificate in Flooring Planning and Design (Level 4)* [Ref: 4297].

Evidence for this standard must reflect commercial competence.

Commercial competence refers to the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Commercial competence must be confirmed by a person with current expertise in the flooring planning and design trade.

2 Definitions

Floor layout plan indicates the direction and floor seams for clients. A plan provided by an architect or builder may be used to apply the flooring layout to.

Flooring trades include carpet installation, resilient installation, or timber and composite flooring operations.

Workplace procedures refers to the documented procedures specific to a workplace which sets out the standard and the required practices of that workplace.

3 Legislation, standards and guidance information relevant to this standard includes the following, and any subsequent amendments and replacements:

New Zealand Certificate in Flooring Planning & Design – Specifications, BCITO, September 2020, available from www.waihanga.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Construction Contracts Act 2002
- Hazardous Substances and New Organisms Act 1996
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3604:2011 *Timber Framed Buildings*
- AS/NZS 2455.1:1:2007 *Textile floor coverings – Installation practice*
- NZS AS 1884:2013 *Floor coverings – Resilient sheet and tiles – Installation practices*
- ISO 10874:2009 *Resilient, textile and laminate floor coverings – Classification*
- AS/NZS 1080.1:2012 *Timber - Methods of test – Method 1: Moisture Content.*

Best practice and good practice guidelines

- FloorNZ. (2019). *Carpet Floor Coverings Planning and Installation*. Available from: www.floornz.org.nz
- FloorNZ. (2019). *Resilient Floor Coverings Planning and Installation*. Available from: www.floornz.org.nz
- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from www.worksafe.govt.nz.

Skill specification and performance level guidance

Skill specification

Provide estimates for flooring operations.

Knowledge

How product specifications inform flooring product quantification.

Range floor covering installations, flooring finishes application; includes consideration for installation methods of products; including – joins, corners, ramps, transitions, falls.

How different site information informs a flooring trades project estimate.

Range includes – location of services, access to site, work environment, other trades, job readiness.

The purpose of allowing for variations to be included in a flooring trades project estimate, and the process for including these.

Range additions, deductions, or alterations to agreed scope of work.

The purpose of the information provided to clients, flooring installers and flooring applicators through floor layout plans.

Range must include – the direction and floor seams.

The purpose of including profit margins and mark ups in a flooring trades project estimate.

The differences between providing an estimate and a quote for a proposed flooring trades project.

Skills

Evaluate product specifications and site information to identify scope of work for flooring trades projects.

Range flooring installation or application of flooring finishes.

Undertake required measurements and calculations to provide flooring project estimates.

Prepare floor layout plans for clients, flooring installers, and flooring applicators to communicate required flooring trades project information.

Range must include – the direction and floor seams.

Calculate flooring product quantities for proposed flooring trades projects, and make the appropriate allowances.

Range as per product manufacturer's guidelines;
application of product coverage rate or cutting allowance, wastage allowance.

Calculate labour requirements for proposed flooring trades projects.

Range time and hourly rate is used to determine job labour costs.

Allow for variations in client estimates for proposed flooring trades projects.

Range additions, deductions, or alterations to the agreed scope of work.

Prepare costings for all elements in proposed flooring trades projects.

Provide estimates to clients for proposed flooring trades projects.

Performance level guidance

Performance must reflect legislative requirements, and workplace procedures.

Performance of completed flooring estimations must include a floor layout plan, itemisation of all elements in the job costs, and allowance for variations to the job.

Replacement information	This unit standard replaced unit standard 17009, unit standard 17010 and unit standard 23273.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 November 2021	31 December 2027
Review	2	28 November 2024	31 December 2027

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>.