

40000 Manufacture a timber flooring cassette

Kaupae Level	3
Whiwhinga Credit	20
Whāinga Purpose	<p>This standard recognises the skills required to manufacture a timber flooring cassette.</p> <p>This skill standard aligns with the Flooring Cassette Manufacture strand of the New Zealand Certificate in Timber Structure Manufacture (Level 3) [Ref: 4319].</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Select and prepare materials to manufacture a timber flooring cassette.	a. Properties and dimensions of materials are selected to meet job specifications.
	b. Timber members are checked, planed or cut, and marked-up according to detail drawings and instructions.
2. Manufacture a timber flooring cassette in a manufacturing environment to job specifications.	a. Placing of components, hardware, and fixings in sequence and position is completed according to detail drawings and instructions.
	b. Components are checked and fixed using correct equipment and fixing methods.
	c. Quality control checks are completed according to checking schedule and workplace procedures.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

Assessment must be in a manufacturing environment, and meet required production rates, job specifications, workplace health and safety requirements and workplace procedures.

A manufacturing environment refers to a site where flooring cassettes are constructed using repeated and partially mechanised processes.

Assessment evidence for this standard must reflect industry standards and follow workplace procedures. Industry standards refer to verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions. Working to industry standards must be confirmed by a person with current expertise in flooring cassette manufacture.

Detail drawings show 2D image of flooring cassette and blow out details with dimensions, connections, fixing type and methods.

Instructions will list components, hardware and fixing and instructions for assembly and sequencing of assembly.

Detail drawings and instructions are used as a reference for quality control.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Materials

- Timber types, grades, and dimensions.
- Standardised markings for assembly on-site.
- Sheeting/decking types, grades, and dimensions.
- Compatibility with timber of the range of hardware and fixings used in flooring cassette manufacture.

Fixing and Hardware

- Fixing hardware types, specifications, purpose and fixing method.
- Glue types, purpose and application method.

Assembly and Quality Control

- Flooring cassette assembly sequence.
- Quality checking procedures.
- Workplace compliance requirements specific to flooring cassettes.

Storage and Transportation

- Methods and materials used to prepare flooring cassette for storage and transportation.

Rauemi | Resources

- Programme guidance information for the New Zealand Certificate in Timber Structure Manufacture (Level 3) Flooring Cassette Manufacture strand [Ref: 4319] is available from qualifications@waihangaararau.nz.
- New Zealand Standards
 - NZS 3602:2003 Timber and wood-based products for use in building.
 - NZS 3604:2011 Timber-framed Buildings.
Available from www.standards.govt.nz.
- Best practice and good practice guidelines
 - The Absolutely Essential Health and Safety Toolkit for Small Construction Sites, and other WorkSafe NZ publications available from www.worksafe.govt.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Planning and Construction > Construction Trades > Carpentry

Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0048
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Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	29 February 2024	N/A
Rā arotake Planned review date	31 December 2028		

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