

40175 Maintain a software library for joinery detailing

Kaupae Level	5
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard recognises the skills required to update a software library, and maintain a software library content for joinery detailing file management, capturing innovations, and for continuous improvement.</p> <p>This skill standard aligns with the New Zealand Diploma in Joinery Detailing (Level 5) [Ref: 5113].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Update a software library for joinery detailing.	a. Library software components and settings are updated with relevant information from joinery detailing manufacturing drawings, specifications, and estimating functions.
	b. Library software content is updated with new information, changes in construction methods, and innovations captured from joinery detailing manufacturing drawings.
	c. Library software is updated to new versions of the software.
	d. Information from discussions, trials for prototypes of innovations, and stakeholder feedback is documented and added to software library.
2. Maintain software library content for joinery detailing.	a. File management and sharing procedures are followed in line with intellectual property and workplace requirements.
	b. Software library content is backed up, older methods of technology are archived, and all new programming information and technology upgrades are saved, to meet stakeholder requirements.
	c. Software library content is maintained to include design solutions, updates and changes to documentation for continuous improvement.

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

Evidence presented for assessment against this skill standard must be from a joinery manufacturing workplace and reflect professional competence confirmed by a person with current expertise in joinery detailing.

Professional competence refers to the ability to work independently to meet the ethical and professional expectations of industry and clients on dynamic and varied projects operating in a commercial environment.

Stakeholders can include both internal and external, architect, designer, client, production team, builder, installer, joiner, joinery machine operators, sub-contractors, other joinery detailers, supervisor.

Workplace requirements refer to the documented procedures specific to a workplace which set out the standard and the required practices of that workplace. This may include job specifications, processes, procedures, practices, manufacturer recommendations, technical data sheets and material safety data sheets.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Content of CAD software library

- Project information, job conditions, plans, and panel heights.
- Innovations that meet production and delivery requirements.
- Ways to keep up to date with innovations, changes in construction methods and hardware, supplier new products.
- Capturing innovations for discussion, and prototyping, innovations specific to the workplace, passing information to relevant personnel.

File management

- The responsibilities of a detailer to manage workplace file management.
- Transferring files to the factory for manufacture of joinery, balance between providing information and meeting timelines.

Continuous improvement of CAD software library

- Incorporating new technologies and products into software library that keep up to date with client requests and expectations.
- Formalising and implementing changes consistently between detailers.

Rauemi | Resources

Joinery Detailing Programme Guidance document available from qualifications@waihangaararau.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	Manufacturing > Joinery > Core Skills

Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0073
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Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	26 September 2024	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2029		

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.