

Ind Std_L4_1 Evaluate a new or emerging technology for a construction or infrastructure trade

Kaupae Level	4
Whiwhinga Credit	5
Whāinga Purpose	This skill standard recognises the skills to evaluate a new or emerging technology for a construction trade. It contributes to qualification pathways across construction trades.

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Evaluate a new or emerging technology for a construction trade.	a. Information selected is from credible industry sources.
	b. Potential positives and negatives of the new or emerging technology are identified.
	c. The impact of the new or emerging technology is described in relation to the construction trade.

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

Assessment specifications:

New or emerging technology may relate to material technologies, technologies influencing methods of work, legislative changes leading to technological changes, and/or digital technologies relevant to a specific construction trade or general construction practice.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Trade information sources and networks, including trade magazines.
- Credible trade suppliers.
- Trade formal (non-qualification) and informal training opportunities.
- Developments in the trade over time.
- New and emerging trade materials.
- Impact of automation and sustainability on new work methods.
- Digital technologies of influence to the trade.
- New or emerging trade legislative requirements.
- Mentoring and knowledge sharing.

Rauemi | Resources

Refer to the Core Construction Skills Guidance document which includes resources, definitions, and other information of relevance to this standard, 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	Planning and Construction > Construction Trades > Core Construction
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0048

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	<type here>	[dd mm yyyy]	[dd mm yyyy]
Rā arotake Planned review date	[dd mm yyyy]		

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.