

40309**Evaluate a new or emerging technology for a construction environment**

Kaupae Level	4
Whiwhinga Credit	5
Whāinga Purpose	<p>This skill standard recognises the skills to evaluate a new or emerging technology relevant to the construction environment.</p> <p>This skill standard contributes to qualifications designed for the construction environment.</p>

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 environment.	a. Information is selected from credible industry sources.
	b. Benefits and limitations of new or emerging technologies are identified.
	c. The potential impact of the new or emerging technology is described in relation to application in a construction environment.

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 environment or general construction practice.

A *construction environment* is any environment where construction, modification, or maintenance of buildings, structures, or infrastructure assets takes place.

Credible sources are up-to-date and current, relevant to application in a construction trade, from trusted sources or organisations, and are checked for accuracy.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

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

Rauemi | Resources

Programme Guidance 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	1	28 November 2024	N/A
Kōrero whakakapinga Replacement information	This skill standard and skill standard 40308 replaced unit standard 30869.		
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.