

40624**Evaluate the suitability of temporary edge protection systems**

Kaupae Level	4
Whiwhinga Credit	8
Whāinga Purpose	<p>This skill standard recognises the skills to evaluate the suitability of different temporary edge protection systems.</p> <p>This skill standard may be used in programmes requiring knowledge and skills of temporary edge protection systems.</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 the suitability of temporary edge protection systems for different tasks.	a. The common types of temporary edge protection, their characteristics and specific use in different construction tasks and limitations are identified.
	b. Site specific project requirements including task specifications are evaluated to inform recommended system.
	c. Observable site conditions including the type of structure, the presence of obstacles and the feasibility of safely attaching the specific edge protection system are assessed.
	d. The use of the different edge protection systems is evaluated based on the ease of installation, adjustment and dismantling.
2. Select the appropriate edge protection system for a specific construction task.	a. Outcomes from evaluation of different edge protection systems are used to select a system that is compatible with the edge or roof structure's profile, safety, compliance requirements and industry standards.

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

The candidate must be capable of evaluating the suitability of the various types of temporary edge protection systems and selecting the appropriate edge protection system for a specific construction task to the standards expected of a commercially competent worker.

Evidence is required of the evaluation of a range of temporary edge protection systems and selection of an appropriate temporary edge protection system for a specific construction task ensuring safety and compliance.

The temporary edge protection systems may include:

- independent scaffolds.
- pre-fabricated edge protection equipment.

Commercial competence requires a candidate to be capable of consistently performing the requirements of the skill specification:

- to current regulatory, industry, commercial standards and good practice guidelines.
- within a commercially viable timeframe.
- in commercial environments.
- without supervision; working independently.
- in different and unfamiliar contexts.
- working safely at all times.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Technical skills and knowledge

- types and characteristics of different temporary edge protection systems and their use in specific construction tasks and their compliance.
- health and safety requirements.
- height and type of work in relation to safety whilst working at heights.
- specific guidelines for working at heights.
- ground conditions assessment.
- guard rail height requirements.
- handover and inspection procedures.
- access points and additional safety features.

Communication, literacy, and numeracy

- required types and standards of documentation.
- required communication.
- manufacturer's specifications.

Rauemi | Resources

Health and Safety at Work Act 2015, and New Zealand Standards.

AS/NZS 4994.1: 2023 *Temporary edge protection, Part 1: General requirements*. Available at [Standards New Zealand](https://standards.newzealand.govt.nz/standards/as-nzs-4994-1-2023).

AS/NZS 4994.2: 2023 *Temporary edge protection, Part 2: Roof edge protection – Installation and dismantling*. Available at [Standards New Zealand](#).

AS/NZS 4994.3: 2023 *Temporary edge protection, Part 3: Installation and dismantling for edges other than roof edges*. Available at [Standards New Zealand](#).

AS/NZS 4994.4: 2018 *Temporary edge protection - Part 4: Perimeter protection screens*. Available at [Standards New Zealand](#).

AS/NZS 1891.4: 2009 *Industrial fall-arrest systems and devices - Part 4: Selection, use and maintenance*. Available at [Standards New Zealand](#).

AS/NZS ISO 22846.1: 2020 *Personal equipment for protection against falls – Rope access systems, Part 1: Fundamental principles for a system of work*. Available at [Standards New Zealand](#).

Good Practice Guidelines- Scaffolding in New Zealand, Nov 2016. Available at [Scaffolding in New Zealand](#).

SARNZ Guidelines- Access and Fall Protection in Residential Construction, 2018. Available at [SARNZ Residential-Guidelines.pdf](#).

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	Lifting Equipment > Rigging and Scaffolding Safety
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0003

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	27 March 2025	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.