

Core 3 Use structural anchorages to place temporary anchors and lifelines

Kaupae Level	3
Whiwhinga Credit	3
Whāinga Purpose	This skill standard is intended for people needing to select and use a harness-based fall protection system to operate in temporary anchor system-protected environments. People with this skill standard have the skills and knowledge to plan, install, use and disestablish temporary anchors and lifeline systems.
Whakaakoranga me mātua oti Pre-requisites	Core 2 - <i>Use a harness-based fall protection system within an anchor protection zone</i> People working towards, and being assessed against, this skill standard should note that work in the industrial rope access industry usually takes place well above ground level and, therefore, requires a level of physical fitness and ability to work at heights.

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Plan installation of temporary anchors and lifelines.	a. Develop a plan to install anchors and lifelines on a given site.
	b. Use plan to establish ratings, direction of loading and anchor point limitations to ensure consistency with the height work to be undertaken.
	c. Access, inspect and confirm suitability of anchor points in line with proposed installation plan.
2. Install and use temporary anchors and lifelines within an agreed workplan.	a. Develop a suitable work method for installation.
	b. Select and install the temporary anchors and lifelines in line with the agreed installation plan.
	c. Connect fall arrest system safely.
3. Disestablish and disconnect from temporary anchors and lifelines.	a. Develop work methods to manage disestablishment according to organisations standard operating procedures.
	b. Disestablish temporary anchors and lifelines.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
	c. Stow equipment and update records in line with organisations standard operating procedures.

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

Assessment specifications:

The assessment will only be undertaken where there is provision for a level of supervision to ensure the safety of the ākonga/learner carrying out the placement and disestablishment of temporary anchors and lifeline systems.

All activities and assessment must align with legislation, standard operating procedures, accepted industry guidance and manufacturers' specifications and instructions.

This skill standard excludes installation of permanent horizontal lifeline systems.

Definitions

Accepted industry guidance refers to guidelines and standards accepted by industry as examples of best practice.

Fall protection system means any secondary system that is intended to prevent a person from falling or arrests a fall that occurs.

Manufacturers' instructions refer to any equipment operating instructions, procedures, standards, or recommendations provided by the manufacturer.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Risks and hazard Identification

- Workplace procedures refer to instructions to staff on policy and procedures, which are documented in memo or manual format and are available in the workplace. These requirements may include but are not limited to – site specific requirements, company quality management requirements, Approved Codes of Practice and guidelines, and legislative requirements.
- Horizontal and vertical proprietary anchor systems
- Site hazards and controls

Planning

- Ratings, direction of loads and anchor points
- Planning considerations and work method
- Design use in relation to anchors and lifeline systems
- Inspection of harness, equipment and hardware
- Common knots including figure of eight.
- Principles of rescue, key considerations and risks

Installation and Disestablishment of proprietary systems

- Different types of fall protection systems
- Route planning and connections
- Use of lifelines (vertical and horizontal)
- Accident management / operator incidents; Actions to be taken. Safety Plan initiation
- Checking equipment and hardware after use. Recording and reporting requirements

Rauemi | Resources

Legislation, regulations and/or industry standards relevant to this skill standard include but are not limited to:

- AS/NZS 1891 Parts 1 - 4: 2020 Industrial fall-arrest systems and devices;
- AS/NZS 1891.4:2025: Personal equipment for working at height, Part 4: Selection, use and maintenance, available from [Standards New Zealand](https://standards.newzealand.govt.nz/)
- AS/NZS ISO 22846.1: 2020 Personal equipment for protection against falls – Rope access systems, Part 1: Fundamental principles for a system of work. New Zealand Standards are available from <http://www.standards.co.nz>
- EN361 Personal protective equipment against falls from a height: Full body harnesses, available at <https://www.en-standard.eu/>
- Health and Safety at Work Act 2015. Parliamentary Council Office, Te Tari Tohutohu Parāmata. <https://www.legislation.govt.nz/act/public/2015/0070/latest/DLM5976660.html>
- Health and Safety at Work (General Risk and Workplace Management) Regulations 2016 Parliamentary Council Office, Te Tari Tohutohu Parāmata <https://www.legislation.govt.nz/regulation/public/2016/0013/latest/DLM6727530.html>
- Worksafe. (2019). *Best practice guidelines for working at height in New Zealand*. <https://www.worksafe.govt.nz/topic-and-industry/working-at-height/working-at-height-in-nz/>

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this skill standard will take precedence for assessment purposes, pending review of this skill standard.

Pārongo Whakaū Kouna | 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 > Industrial Rope Access
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1		N/A

Kōrero whakakapinga Replacement information	This skill standard replaces Unit 15757.
Rā arotake Planned review date	31 December 2030

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