

Title	Manage the selection and certification of anchors for rope access work		
Level	5	Credits	10

Purpose	<p>This unit standard is intended for people working as advanced operators with extensive experience in the application of advanced techniques in industrial rope access work.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - manage the selection and installation of proprietary systems for advanced rope access work; and - manage the design, installation and testing of prescribed systems for advanced rope access work.
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Classification	Lifting Equipment > Industrial Rope Access
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Available grade	Achieved
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Guidance Information

- 1 All tasks must be carried out in accordance with:
 - a quality management systems;
 - b designer's requirements and manufacturer's operating instructions; and government and local government legislation, regulations, bylaws, Health and Safety at Work Act 2015 and New Zealand Standards;
 - c *Industrial Rope Access in New Zealand: Best Practice Guidelines May 2012* available from the website <https://worksafe.govt.nz/>; and
 - d AS/NZS 1891 parts 1 - 4:2009 *Industrial fall-arrest systems and devices*; AS/NZS 4488 parts 1 and 2:1997 *Industrial rope access systems*. New Zealand Standards are available from <http://www.standards.co.nz>, and their subsequent amendments.
- 2 Definition
Advanced rope access work refers to work that require knowledge of mathematics and vector forces, as well as comprehensive training and guidance with extensive experience in the application of advanced rope techniques.
- 3 Training and assessment
People working towards, and being assessed against, this unit standard should note that work in the industrial rope access industry usually takes place at heights well above ground level and, therefore, requires a level of physical fitness and ability to work at heights.
- 4 Range
The completion of three site-specific safety plans is required.

Outcomes and performance criteria

Outcome 1

Manage the selection and installation of proprietary systems for advanced rope access work.

Performance criteria

- 1.1 Select types of proprietary rope access, fall arrest and/or fall restraint systems.
- Range systems riveted to roof cladding, systems screwed to roof cladding, systems bolted to roof framing.
- 1.2 Use the manufacturer's specifications for the installation of the proprietary systems.
- Range substrate selection and assessment, installation and testing procedure.
- 1.3 Compare the warranties and liabilities for types of proprietary systems when selecting proprietary systems.
- Range manufacturer's liability, installer's liability and engineer's liability.

Outcome 2

Manage the design, installation and testing of prescribed systems for advanced rope access work.

Performance criteria

- 2.1 Communicate the design parameters of chemically installed friction anchors to the team in accordance with AS/NZS 1891.4:2009 and Best Practice Guidelines for Rope Access.
- 2.2 Lead the team to install chemical friction anchors in accordance with AS/NZS standards and Best Practice Guidelines for Rope Access.
- 2.3 Lead the team to test chemically installed friction anchors to ensure installation of the prescribed system was in accordance with AS/NZS 1891.4:2009 and Best Practice Guidelines for Rope Access.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	10 December 2020	N/A

Consent and Moderation Requirements (CMR) reference

0003

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact The Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.