

Title	Set up and dismantle basic industrial rope access systems		
Level	3	Credits	14

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – prepare site for setting up basic industrial rope access system; – install basic industrial rope access system; – inspect basic industrial rope access system is safe to use; and – dismantle basic industrial rope access system.
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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 manufacturers' operating instructions; and legislation, regulations, bylaws, Health and Safety at Work Act 2015 (HSWA) 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: 2020 *Industrial fall-arrest systems and devices*; 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>, and their subsequent amendments.

- 2 Definitions

Basic industrial rope access system provides access to carry out tasks at height or in other difficult-to-access situations.

Enterprise procedures – those practices and procedures that have been promulgated by the company or enterprise for use by their employees.

Hazards refer to occurrences, processes, substances or situations as determined by the organisation that are an actual or potential cause or source of harm associated with, but not limited to – process, activities, environment, equipment, materials, work organisation, site and facilities.

- 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.

Outcomes and performance criteria

Outcome 1

Prepare site for setting up basic industrial rope access system.

Performance criteria

- 1.1 Isolate the site in accordance with enterprise procedures.
- 1.2 Implement safety procedures, hazard management and signage in accordance with HSWA.
- 1.3 Set out exclusion zones in accordance with HSWA.

Outcome 2

Install basic industrial rope access system.

Performance criteria

- 2.1 Tie knots in accordance with enterprise procedures.

Range	bowline, figure eight, figure eight on the bight, threaded figure eight, clove hitch, tape knot, figure nine, fisherman's knot, alpine butterfly, prussic knot.
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- 2.2 Install industrial rope access and rescue systems in accordance with planned hazard management and control measures.
- 2.3 Confirm that the industrial rope access systems are completed and are compliant with design and statutory requirements.
- 2.4 Clear the surplus equipment and tools from site in accordance with enterprise procedures.

Outcome 3

Inspect basic industrial rope access system is safe to use.

Performance criteria

- 3.1 Inspect and confirm the industrial rope access system as safe to use in accordance with statutory requirements.

Outcome 4

Dismantle basic industrial rope access system.

Performance criteria

- 4.1 Dismantle industrial rope access system in accordance with enterprise procedures.
- 4.2 Confirm the industrial rope access system is free of damage and wear.
- 4.3 Label, isolate, and log any damaged equipment in accordance with enterprise procedures.
- 4.4 Store equipment in accordance with enterprise procedures.

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	28 November 2002	31 December 2022
Review	2	23 March 2006	31 December 2022
Review	3	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference	0003
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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.