

Title	Plan and prepare for advanced industrial rope access work		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to plan and prepare equipment for advanced industrial 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 manufacturers' operating instructions; 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: *Industrial fall-arrest systems and devices*; AS/NZS 4488: parts 1 and 2: *Industrial rope access systems*. New Zealand Standards are available from <http://www.standards.co.nz>, or their subsequent amendments.
- 2 Definition
Hazards are 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 This unit standard has been developed for learning and assessment on-job or off-job in a simulated environment.

Outcomes and performance criteria

Outcome 1

Plan for advanced industrial rope access work.

Performance criteria

- 1.1 Confirm purpose for access system and/or equipment and work tasks in accordance with client's requirements.
- 1.2 Determine expected loading on access system and/or equipment and supporting structure as compliant with best practice guidelines.

- Range counter weight and needle systems, roof loading, parapet walls.
- 1.3 Interpret site plans, access systems and/or equipment designs, and drawings in accordance with best practice guidelines.
- Range work specifications, hazards overhead and on-ground.
- 1.4 Estimate configurations, types, and quantities of components required for the task in accordance with best practice guidelines.
- Range line diagrams, components appropriate to type of access equipment.
- 1.5 Obtain site information pertinent to tasks in accordance with best practice guidelines.
- Range information includes but is not limited to – hazard prevention and/or control measures, access and egress, site sketches and dimensions.
- 1.6 Plan job in accordance with Health and Safety at Work Act requirements, code of practice and design standards, and obtain required approvals in accordance with best practice guidelines.
- Range regulatory permits, site conditions, involvement of other trades, client approvals.

Outcome 2

Prepare equipment for advanced industrial rope access work.

Performance criteria

- 2.1 Select access system and/or equipment components appropriate to task and confirm they are free of damage.
- 2.2 Label and reject damaged components in accordance with best practice guidelines.
- Range components include but are not limited to – personal kit, fall arrest system, fall arrest equipment, proprietary tripods, proprietary needles, counterweight systems.
- 2.3 Service or send rejected components for repair, in accordance with best practice guidelines.
- 2.4 Select and inspect tools, and repair or send faulty tools for repair, in accordance with best practice guidelines.

Planned review date	31 December 2024
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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 2021
Review	2	23 March 2006	31 December 2021
Review	3	22 August 2019	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 at reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.