

Title	Carry out advanced patient recovery techniques using industrial rope access systems		
Level	4	Credits	20

Purpose	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – assess the situation involving retrieval by rope, and deploy appropriate equipment; – prepare patient for descent; – descend with patient and then apply appropriate first aid and basic life support; – set up and use hauling systems for retrieval purposes; and; – demonstrate lead climbing and aid traversing retrieval techniques.
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Classification	Lifting Equipment > Industrial Rope Access
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Available grade	Achieved
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Prerequisites	Unit standard 6401, <i>Provide first aid</i> , Unit standard 6402, <i>Provide basic life support</i> , or demonstrate equivalent knowledge and skills.
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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 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 Assessment

Those undertaking assessment 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;

For the purpose of assessment against this unit standard, it is expected that the advanced recovery using industrial rope access systems will be demonstrated on a simulated unconscious patient.

- 3 This unit standard has been developed for learning and assessment on-job or off-job in a simulated environment.
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Outcomes and performance criteria

Outcome 1

Assess the situation involving retrieval by rope, and deploy appropriate equipment.

Performance criteria

- 1.1 Identify and manage retrieval hazards.
- 1.2 Deploy retrieval system for industrial rope access in accordance with the best practice guidelines.

Outcome 2

Prepare patient for descent.

Performance criteria

- 2.1 Access the patient.
- 2.2 Position and secure patient safely for descent.

Outcome 3

Descend with patient and then apply appropriate first aid and basic life support.

Performance criteria

- 3.1 Descend in accordance with manufacturers' instructions for equipment used.
- 3.2 Apply first aid and basic life support based on patient requirements, once the patient is on the ground.

Outcome 4

Set up and use hauling systems for retrieval purposes.

Performance criteria

- 4.1 Set up hauling systems.
- 4.2 Employ retrieval techniques by means of hauling systems.

Outcome 5

Demonstrate lead climbing and aid traversing retrieval techniques in accordance with the best practice guidelines.

Performance criteria

5.1 Employ lead climbing retrieval techniques.

5.2 Employ aid traversing retrieval techniques.

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 2016
Review	2	23 March 2006	31 December 2016
Review	3	16 July 2015	31 December 2021
Review	4	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.