

1XXXXX**Respond to rope rescue incidents**

Kaupae Level	4
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard is for people who are required to respond to rope rescue incidents using either a top controlled moving rope or a static fixed rope.</p> <p>People credited with this skill standard are able to: perform double line rope rescue techniques in a vertical environment; access and stabilise a casualty in a high and low angle environment; demonstrate advanced descent and ascent based techniques in a high angle environment; and perform descender based (pick off) rescue to evacuate casualty from a high angle environment using double line technique.</p> <p>This skill standard can be used for assessment within programmes across the Emergency Management sector.</p>
Whakaakoranga me mātua oti Pre-requisites	<p>Unit 6400, <i>Manage first aid in an emergency situation</i> or Unit 23406, <i>Provide first aid for trauma and medical emergency situations</i>; Unit 6401, <i>Provide first aid</i>; Unit 6402, <i>Provide basic life support</i>; and Skill standard, <i>Support rope rescue operations</i> or equivalent knowledge and skill.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Perform double line rope rescue techniques in a vertical environment.	a. Stop and lock off, during descent or lower.
	b. Rig and manage independent safety rope to responder.
	c. Rig a rescuer recovery system to raise and lower the rescuer.
2. Access and stabilise a casualty in a high angle environment.	a. Locate and access a casualty.
	b. Secure casualty to physically stabilise and protect from hazards.
	c. Assess casualty, provide basic first aid and request further medical support where required.
	d. Support casualty by communicating rescue plan and providing clear instructions.
	e. Undertake a casualty handover.

3. Access and stabilise a casualty in a low angle environment.	a. Locate and access a casualty.
	b. Stabilise casualty for transportation.
	c. Transport casualty safely.
	d. Undertake a casualty handover.
4. Demonstrate advanced descent and ascent based techniques in a high angle environment.	a. Perform knot pass through descender without assistance from a second rope.
	b. Perform knot pass (obstruction) through ascent rig without assistance from a second rope.
	c. Demonstrate a range of belay techniques.
	d. Undertake changeovers descent to ascent and ascent to descent.
5. Perform descender based (pick off) rescue to evacuate casualty from high angle environment using double line technique.	a. Rig and check anchor system to cater for two-person loading.
	b. Access, stabilise and evaluate condition of casualty.
	c. Medically stabilise casualty using first aid or basic life support methods.
	d. Prepare casualty for evacuation from high angle environment.
	e. Evacuate casualty to safe area.
	f. Conduct casualty handover to rescue or medical staff.

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

- Assessment of this standard must be consistent with the latest version of the primary reference document for this standard: CMC Rope Rescue Technician Manual (6th ed.).
- Assessment of this standard must be in accordance with organisational Standard Operating Procedures (SOPs).
- Adherence to current legislation is required for all assessment criteria.
- Practical high angle sites during assessment are to be between 8 and 40 metres only.
- Learning outcome 4 - include double line technique and high angle.
- Assessment criteria 4a - maintain two points of contact for duration of exposure.
- Assessment criteria 5d - includes suitable means to secure the patient such as victim harness or rescue strop/nappy.

Definitions

- *First aid or basic life support methods* refers to the first aid a person with a current first aid certificate (including unit standards 6401 and 6402) is trained to provide.
- *Casualty* refers to the person requiring rescue.
- *Double line technique* includes single line technique with independent safety.
- *High angle* defines an environment in which one must be secured with rope and other safety equipment to keep from falling from a height (generally above three metres) and more than 60 degrees.
- *Rope rescue* is a generic term that has been used to subsume the terms high angle rescue, low angle, line rescue, and vertical rescue.
- *Vertical environment* includes steep and high angle environments.

Ngā momo whiwhinga | Grades available

Achieved /

Ihirangi waitohu | Indicative content

Access and stabilise casualty

- Preparation of casualty for handover and relevant casualty briefs.
- Emotionally stabilise: psychological first aid, and communication of rescue methods and providing clear instructions.

Advanced descent and ascent based techniques

- Knot pass, changeovers, re-director, and re-anchor performed through mechanical personal ascent rig and hands free mechanical descender.
- Belay techniques: self, and independent top.

Descender based rescue

- Descend to casualty.
- Protect casualty from hazards.
- Preparation for evacuation: casualty communication, rescue stop, jigger or pick off strap (or similar) connection, rigging check, and confirmation of plan with command.
- Evacuation of casualty: pick off rescue, abseil to the ground with rescuer and patient (2 people), prevention of further injury to casualty, and communication with casualty
- Preparation of casualty for handover: casualty records, casualty briefs, and casualty handling.

Rauemi | Resources

Where the resources have been updated, please refer to the latest version.

- Civil Defence and Emergency Management Act 2002.
<https://www.legislation.govt.nz/act/public/2002/0033/latest/whole.html>
- Frank, J. A [Ed]. (2021). CMC rope rescue technician manual (6th ed.).
https://www.cmcpro.com/equipment/rope-rescue-manual/#learn_more
- Health and Safety at Work Act 2015. Parliamentary Council Office, Te Tari Tohutohu Parēmata.
<https://www.legislation.govt.nz/act/public/2015/0070/latest/DLM5976660.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/>

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Toitū te Waiora Community, Health, Education, and Social Services Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Community and Social Services > Specialist Rescue > Rope Rescue
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	039

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	31 December 2029	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2029		

Please contact Toitū te Waiora Community, Health, Education, and Social Services Workforce Development Council at qualifications@toitutewaiora.nz to suggest changes to the content of this skill standard.