

Nationally Recognized Training and Assessment in lead climbing **(SROCLN004A) Apply lead climbing skills on natural surfaces**

This unit has been developed for the Outdoor Recreation Industry Training Package, and covers the knowledge and skills required to lead or second a climb, and to establish and operate a belay, single pitches on natural surfaces.

This unit has some prerequisites and includes the following elements:

SROCLN004A/01 Plan for the activity

1.1 Ensure sufficient food and water is available to maintain physiological well-being during activity

1.2 Select personal clothing for activity and identify the design/ construction features that make it appropriate

1.3 Identify an appropriate activity site/location after consideration of **statutory and organisational procedures**, where applicable, and **contextual issues** relating to the activity

1.4 Access and interpret meteorological data and determine activity plans following consideration of weather information

SROCLN004A/02 Select a route suitable for the abilities of the climbing party

2.1 Identify suitable access to and egress from the climbing site

2.2 Demonstrate an ability to relate a **route description** to a particular climb

2.3 Determine climbing **capabilities** of individuals within the climbing party

2.4 Inspect and evaluate the main **features** of the climb ensuring the **capabilities** of the climbing party are not exceeded

2.5 Demonstrate consideration of **environmental factors** affecting route selection

2.6 Identify **hazards** and implement action appropriate to the hazard

SROCLN004A/03 Select equipment for a designated route

3.1 Select **equipment** that is to the **standard** required and is suitable for a safe ascent of the route

3.2 Select and check all **equipment** to ensure that it is suitable for the selected route and is in adequate working order and condition

SROCLN004A/04 Utilise equipment effectively

4.1 Demonstrate use of **equipment** in accordance with manufacturer's specifications to ensure that design limits are not exceeded

4.2 Apply accepted industry **standards** and **best practice** with respect to attachment of rope to the climber's harness

4.3 Demonstrate ability to handle rope in a safe and efficient manner

4.4 Demonstrate use of **equipment** to minimise damage to **equipment**, the environment and others

SROCLN004A/05 Apply safety procedures

5.1 Apply safety procedures at the top and bottom of climbing site

5.2 Establish and maintain effective **communication** between climber and belayer using standard calls and procedures

5.3 Establish a **belay system** at the bottom of the pitch which maximises climber and belayer safety at all times

5.4 Demonstrate attachment to a suitable **belay system** in accordance with **equipment** manufacturer's specifications and standard practices

5.5 Complete all necessary personal **safety checks** prior to commencing ascent

SROCLN004A/06 Demonstrate climbing techniques

6.1 Identify and evaluate the main **features** of the climb whilst climbing

6.2 Plan and demonstrate fluent climbing **technique** suitable to **rock type, features** and possible holds

6.3 Locate and utilise rest positions to reduce fatigue

6.4 Demonstrate correct technique to minimise injury in the event of a fall

6.5 Maintain adequate **communication** with belayer throughout

SROCLN004A/07 Ascend a route as a second climber

7.1 Demonstrate use of **belaying system** in a suitable manner to maximise climber safety at all times

7.2 Demonstrate efficient removal of artificial **protection**, in a manner which minimises damage to the **equipment** and impact on the environment (with and without the use of a nut tool)

7.3 Demonstrate use of slings to optimise a placement and to minimise **equipment** loss or damage

7.4 Demonstrate accepted safety procedures throughout the climb and whilst belaying

SROCLN004A/08 Ascend a single pitch route as a lead climber

8.1 Select suitable protection for the chosen climb and rack protection so that it is accessible during the climb

8.2 Demonstrate use of natural, fixed or artificial **protection** to minimise the distance of a fall

8.3 Select placements with respect to the **climbing situation**

8.4 Demonstrate suitable techniques to minimise rope drag

8.5 Identify and demonstrate **suitable techniques** to minimise displacement of artificial **protection**

8.6 Demonstrate consideration of the direction and magnitude of force during a fall when placing **protection**

8.7 Demonstrate consideration of the second's ability and safety when placing **protection**

8.8 Demonstrate correct technique to minimise injury in the event of a fall

8.9 Demonstrability to retreat from pitches both greater than and less than 25m in length

8.10 Select solid and secure natural or artificial anchors at the top of the pitch, or place artificial **protection** while demonstrating consideration of forces

8.11 Establish a **belay system** at the top of the pitch which maximises climber and belayer safety at all times

SROCLN004A/09 **Establish belaying position**

9.1 Follow procedures to ensure **belayer safety** in the event of a climber fall or rockfall

9.2 Position body in relation to **belay device to** allow most effective use of **belay system**

9.3 Demonstrate a body position and stance that minimises movement during a fall

9.4 Demonstrate attachment of belayer to anchor to minimise movement during a fall (where necessary)

9.5 Demonstrate a safe and efficient escape from a **belay system** in a rescue situation whilst ensuring the safety of the climber

SROCLN004A/10 **Demonstrate suitable belaying technique**

10.1 Select **belay device** and technique according to the **belayer situation**

10.2 Establish a suitable **communication** system with climber, when belaying others

10.3 Perform all safety checks in accordance with standard policies and procedures

10.4 Arrange rope to ensure free flow

10.5 Maintain rope tension to ensure fall distance is minimised whilst not restricting climber movement

10.6 Monitor climber or self progress constantly

10.7 Demonstrate correct use of **belay devices**

10.8 Respond appropriately to climber calls

10.9 Arrest falls promptly using technique suitable to the **belaying device** and situation

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