



Australian Government

SISOCLM005 Establish belays for single pitch climbing on artificial surfaces

Release: 1

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Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to select and set up belay systems suitable for single pitch climbs on artificial surfaces. It requires the ability to select the climb route and to select and utilise fixed anchors. Artificial surfaces can be fixed or portable structures and rigging can be for indoor or outdoor environments.

It applies to rigging staff and activity leaders who work independently or with limited guidance from others.

This unit applies to any type of organisation that delivers recreation activities including commercial, not-for-profit and government organisations.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Climbing

Unit Sector

Outdoor Recreation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

1. Select route and equipment suitable for the climb.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1. Identify safe access to and egress from the pitch.
- 1.2. Interpret route descriptions, inspect the position and quality of artificial features and select climb route.
- 1.3. Select a belay system suitable for the climb, conditions, and participant.

- 1.4. Choose a belay device suitable for the artificial surface conditions and belayer.
- 1.5. Select other equipment to suit climbing requirements and participants.
- 1.6. Complete safety and serviceability checks on equipment and tag faulty equipment according to organisational procedures.
2. Set up belay system for artificial surface climbs.
 - 2.1. Select anchors and assess condition, including performance under likely load.
 - 2.2. Set up belay system using existing anchors.
 - 2.3. Select and tie appropriate knots, and rig ropes suitable for load and function within the belay system.
 - 2.4. Establish a belay from which belayer is independent of the system.
 - 2.5. Establish a belay that maintains safety of belayer and climber.
 - 2.6. Position belay away from hazards, or remove as able.
 - 2.7. Determine need for, and establish, back up belay systems.
 - 2.8. Verify manufacturers' recommendations, equipment limitations and safety margins, and rig equipment accordingly.
 - 2.9. Complete safety checks according to organisational procedures.

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS	DESCRIPTION
Reading skills to:	interpret detailed familiar organisational procedures for completing safety checks.
Writing skills to:	use fundamental sentence structure to complete safety and serviceability forms and fault tags that require factual information.
Numeracy skills to:	- estimate loads for anchors and ropes under normal conditions and in the event of a fall - visually estimate distances to calculate lengths for ropes.
Planning and organising	follow a logical equipment selection, rigging and checking process.

skills to:

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>