

Cross rivers

Level 3

Credits 2

Purpose People credited with this unit standard are able to demonstrate knowledge of river dynamics and hazards, and cross rivers safely.

Subfield Outdoor Recreation

Domain Tramping

Status Registered

Status date 29 October 2004

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Sport, Fitness and Recreation Industry Training Organisation – Outdoor Recreation

Accreditation and Moderation Action Plan (AMAP) reference 0102

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 When demonstrating self-rescue skills additional safety equipment may be used by the candidate including life jacket, throw bag, wetsuit, and helmet.
- 2 For assessment purposes at least three rivers with different characteristics must be crossed.
- 3 All activities must comply with any relevant environmental, legislative and/or regulatory requirements set out in the *New Zealand Environmental Care Code*, *New Zealand Water Care Code*, Health and Safety in Employment Act 1992, Injury Prevention, Rehabilitation, and Compensation Act 2001, and their subsequent amendments. The *New Zealand Environmental Care Code* and *New Zealand Water Care Code* are available from the Department of Conservation, Head Office, PO Box 10420, Wellington, <http://www.doc.govt.nz/>.

- 4 There are minimum assessor requirements for assessment against this unit standard. The details of these requirements are available on the Sfrito website <http://www.sfrito.org.nz/>.

Elements and performance criteria

Element 1

Demonstrate knowledge of river dynamics and hazards.

Performance criteria

- 1.1 Types of rivers and their characteristics are identified.
- Range small bush streams, steep rivers, braided rivers, deep sluggish rivers.
- 1.2 River hydrology is described.
- Range eddies, channels, holes, current.
- 1.3 Potential hazards of river crossing are described.
- Range depth, speed of current, rapids, waterfalls, water temperature, flood, strainers, rocks, aerated water, undercut banks, overhanging trees.
- 1.4 Potential health problems arising from river crossing are identified and their treatment described.
- Range hypothermia, drowning, cold water immersion cramps.

Element 2

Cross rivers safely.

Performance criteria

- 2.1 An appropriate place to cross the river is selected and its selection is justified.
- Range entry and exit, run out, catchment area, depth and speed of river, hazards.
- 2.2 A method appropriate to the crossing place and the group is selected and its selection is justified.
- Range must include but is not limited to – solo, mutual support, swimming, pack floating.
- 2.3 Entry into and exit from the river are demonstrated safely and confidently.

- 2.4 Decisions not to cross are made and justified in terms of personal and group safety.
- 2.5 Retreat from a partial river crossing is demonstrated safely and confidently.
- 2.6 Self-rescue skills are demonstrated in a simulated river crossing failure.
- Range pack floating, swimming.
- 2.7 River crossing techniques are demonstrated.
- Range solo, mutual support, swimming, pack floating, river running.

Please note

Providers must be accredited by the Qualifications Authority, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Sport, Fitness and Recreation Industry Training Organisation info@srito.org.nz if you wish to suggest changes to the content of this unit standard.