

Undertake vertical rescue

PUASAR032 Undertake vertical rescue

Course aim

This unit covers the competency required to undertake vertical rescue in a range of emergency situations in natural and man-made environments.

Course objectives

By the end of the course, the student will be able to:

Demonstrate knowledge of:

- Breaking strains
- Casualty assessment and packaging
- Emergency management and interagency arrangements
- Equipment characteristics
- Operation of high lines (span line, tyrolean etc.)
- Operational briefing and debriefing procedures
- Organisational procedures for cleaning and discarding equipment in terms of environmental management and sustainability
- Organisational procedures for operating vertical rescue equipment
- Personal hygiene protocols
- Principles of suspension trauma
- Reconnaissance techniques
- Relevant legislation
- Relevant workplace health and safety (WH&S) principles and practices
- Safe working loads of equipment
- Safety factors and safe working loads
- Signs and symptoms of operational stress
- Vertical rescue concepts and practices
- Voice, whistle and other communication systems

Demonstrate skills in the following:

- Check, service and maintain vertical rescue equipment
- Control infection
- Escort stretchers in raising and lowering operations
- Establish, maintain, monitor and use:
- Ascent and descent systems
- Safety systems
- Stretcher rigging
- Implement safe and effective scene management procedures
- Manage edge protection
- Treat and package casualties
- Undertake scene assessment and reporting
- Use personal protective and rescue equipment within its safe work limitations
- Wear appropriate personal protective and rescue equipment correctly
- Work in a team

On successful completion students will be issued with:

Statement of Attainment in PUASAR032 Undertake vertical rescue

Course prerequisite

- **PUASAR022** Participate in a rescue operation.

Evidence of completion of this unit must be provided prior to commencement of course. Where no evidence is supplied, the student will not be permitted to attend the course.

In addition, 3M Australia recommends that all students hold a Nationally Recognised Statement of Attainment in

Course assessment

Students will be assessed to determine their competency in this course both theoretically and practically.

The theory assessment consists of multiple choice and short answer questions.

The practical assessment will require students demonstrate vertical mobility on rope, build anchor systems, tie knots, patient packaging and extraction and perform several rescues in a team environment.

Course duration

40 hours over 5 day (Initial)

20 hours over 2.5 days (Refresher)

(The times noted above includes a break.)

Where delivered as a refresher, the delivery time is reduced and assessment time remains the same.

Trainer ratio

6 students per trainer

Course location

Courses are primarily delivered at our facilities:

3M Australia,
93 Derby Street, Silverwater NSW
The Construction Training Centre,
460 Beaudesert Road, Salisbury QLD
However, courses can be delivered at your worksite if required. In this instance your employer will confirm there are suitable facilities on site to deliver the training.