

UNDERTAKE VERTICAL RESCUE

“Master high-angle rescue skills to save lives in extreme environments.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

Introduction

This practical training equips emergency responders and industrial personnel with the skills to safely perform rescues in vertical environments, such as cliffs, buildings, towers, and confined spaces. Participants will learn rope-based techniques, anchor systems, stretcher management, and team coordination necessary for efficient and safe vertical rescue operations in both urban and remote settings.

Objectives

Upon completion of this course, participants will be able to:

- Assess and manage vertical rescue scenarios
- Set up and operate rope systems for ascent, descent, and patient retrieval
- Perform safe stretcher movement in vertical environments
- Establish secure anchor points and manage edge protection
- Work effectively as a rescue team under high-stress conditions

Why Attend

- Learn from experienced vertical rescue professionals
- Improve technical rope skills using real-world simulations
- Boost safety performance in high-risk work environments

Target Audience

- Firefighters and emergency response teams
- Search and rescue personnel
- Industrial workers in construction, oil & gas, mining
- Safety officers and rope access technicians

Individual Benefits

- Gain certified competence in vertical rescue techniques
- Enhance employability in high-risk operational environments
- Build teamwork and confidence during complex rescues

Organizational Benefits

- Increase on-site emergency readiness
- Reduce response time and potential casualties during vertical incidents
- Comply with OHS, HSE, and international safety regulations

Instructional Methodology

- Hands-on rope rescue drills in vertical and sloped environments
- Use of industrial-grade equipment: harnesses, carabiners, pulleys, stretchers
- Live simulations with real casualty extraction
- Instructor-led safety briefings and scenario debriefings

Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Vertical Rescue

- **Module 1:** Fundamentals of Rope Rescue & PPE (07:30 – 09:30)
- **Module 2:** Equipment Familiarization & Inspection (09:45 – 11:15)
- **Module 3:** Knots, Anchors & Edge Protection Techniques (11:30 – 01:00)
- **Module 4:** Hands-On Practice – Anchor Building (02:00 – 03:30)

Day 2: Rope Systems & Safety Protocols

- **Module 1:** Single and Twin Rope Systems Overview (07:30 – 09:30)
- **Module 2:** Raising & Lowering Systems (Mechanical Advantage) (09:45 – 11:15)
- **Module 3:** Load Sharing, Friction Devices, and Safety Backups (11:30 – 01:00)
- **Module 4:** Rope Handling Exercises – System Setup (02:00 – 03:30)

Day 3: Casualty Management in Vertical Scenarios

- **Module 1:** Casualty Access and Assessment (07:30 – 09:30)
- **Module 2:** Patient Packaging and Stretcher Setup (09:45 – 11:15)
- **Module 3:** High-Angle Lowering with a Stretcher (11:30 – 01:00)
- **Module 4:** Drill – Rescuing Injured Worker on Tower (02:00 – 03:30)

Day 4: Advanced Rescue Techniques & Scenario Work

- **Module 1:** Highlines, Guiding Lines, and Deviations (07:30 – 09:30)
- **Module 2:** Rescue from Confined Vertical Spaces (09:45 – 11:15)
- **Module 3:** Rope Transfers & Mid-Line Rescues (11:30 – 01:00)
- **Module 4:** Simulated Complex Vertical Rescue Operation (02:00 – 03:30)

Day 5: Evaluation, Assessment & Certification

- **Module 1:** Final Equipment Skills Test (07:30 – 09:30)
- **Module 2:** Full Vertical Rescue Scenario – Team Exercise (09:45 – 11:15)
- **Module 3:** Safety Review and Incident Debrief (11:30 – 01:00)
- **Module 4:** Certification Ceremony & Course Conclusion (02:00 – 03:30)

Certification

Participants who meet the training and assessment requirements will receive a **Certificate of Competency in Vertical Rescue**, aligned with industry rescue and emergency response standards.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
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Interested in running this course for your team?

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