

ADVANCED ROPE ACCESS TECHNIQUES FOR FABRIC MAINTENANCE

“Master vertical access with precision and safety in fabric maintenance operations.”

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

This advanced training is designed for experienced rope access technicians working in offshore, industrial, or high-rise environments where fabric maintenance is required. The course focuses on complex access scenarios, rescue preparedness, equipment handling, and safe techniques in difficult-to-reach areas, all while ensuring high safety and operational standards.

Objectives

- By the end of the course, participants will be able to:
- Apply advanced rope access techniques for inspection, repair, and coating
 - Plan complex access operations and perform risk assessments
 - Execute rescue procedures in vertical and confined environments
 - Use specialized equipment for abrasive blasting, painting, or welding
 - Comply with IRATA/SPRAT standards in maintenance tasks

Why Attend

- Take your rope access skills to the next level for high-risk maintenance tasks
- Gain hands-on training in real-life industrial scenarios
- Prepare for supervisory roles in rope access projects

Target Audience

- Level 2 and 3 Rope Access Technicians
- Offshore maintenance personnel
- Civil and structural maintenance workers
- Inspection engineers and asset integrity professionals

Individual Benefits

- Increased job opportunities in high-risk, high-reward industries
- Enhanced confidence in challenging maintenance environments
- Recognition as a skilled advanced rope access practitioner

Organizational Benefits

- Increased operational safety and compliance
- Reduced downtime due to faster and safer access
- Higher quality of work in inaccessible and elevated zones

Instructional Methodology

- Instructor-led demonstrations
- Hands-on vertical exercises and obstacle-based scenarios
- Use of actual tools and maintenance materials during simulation
- Technical briefings and rescue drills

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: Rope Access Refresher & Hazard Awareness

- Module 1: Review of Rope Access Systems & Anchor Theories (07:30 – 09:30)
- Module 2: Risk Assessment & Permit to Work for Elevated Maintenance (09:45 – 11:15)
- Module 3: Fall Factors, Back-Up Systems, and Load Testing (11:30 – 01:00)
- Module 4: Practical Setup: Rigging in Complex Structures (02:00 – 03:30)

Day 2: Advanced Techniques & Traverses

- Module 1: Rope-to-Rope Transfers & Deviations (07:30 – 09:30)
- Module 2: Re-belays, Mid-Rope Ascents, and Aid Climbing (09:45 – 11:15)
- Module 3: Horizontal Movement and Tensioned Rope Systems (11:30 – 01:00)
- Module 4: Practical – Movement Across Obstructions (02:00 – 03:30)

Day 3: Fabric Maintenance Applications

- Module 1: Surface Prep and Coating Techniques at Height (07:30 – 09:30)
- Module 2: Blasting, Welding, and Bolting with Rope Access (09:45 – 11:15)
- Module 3: Environmental and PPE Considerations for Coating Tasks (11:30 – 01:00)
- Module 4: Practical – Simulated Maintenance Project (02:00 – 03:30)

Day 4: Emergency & Rescue Procedures

- Module 1: Advanced Casualty Handling at Height (07:30 – 09:30)
- Module 2: Rope-Based Rescue Systems and Lowering Methods (09:45 – 11:15)
- Module 3: Confined Space Access and Vertical Rescue Planning (11:30 – 01:00)
- Module 4: Rescue Drill – Mid-Rope Evacuation (02:00 – 03:30)

Day 5: Team Integration & Final Evaluation

- Module 1: Team-Based Operation Planning and Risk Sharing (07:30 – 09:30)
- Module 2: Simulated Complex Rope Access Maintenance Job (09:45 – 11:15)
- Module 3: Debrief and Incident Response Protocols (11:30 – 01:00)
- Module 4: Final Assessment, Certification, and Wrap-Up (02:00 – 03:30)

Certification

Participants will receive a Certificate of Completion in Advanced Rope Access for Fabric Maintenance, which aligns with international rope access competency standards (IRATA/SPRAT Level 2+ training support).

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In-House / Customized Training

Interested in running this course for your team?

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