

OPERATE BREATHING APPARATUS OPEN CIRCUIT

“Breathe to Survive. Operate with Confidence in Hazardous Environments.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

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

Introduction

This intensive course equips participants with the knowledge and operational skills required to safely use open circuit breathing apparatus (BA) in hazardous or contaminated environments. It emphasizes safety checks, donning/doffing procedures, emergency protocols, and safe working practices in simulated fire or toxic environments.

Objectives

- By the end of this course, participants will be able to:
- Understand the components and function of open circuit breathing apparatus
 - Perform pre-operational checks and don the BA correctly
 - Operate and monitor the BA under various conditions
 - Identify and respond to emergencies while using the BA
 - Follow safety and communication protocols during BA operations

Why Attend

- Prepare for working in oxygen-deficient or toxic environments
- Learn critical life-saving breathing apparatus procedures
- Ensure compliance with workplace safety standards
- Gain confidence in operating under extreme physical and mental stress

Target Audience

- Fire and emergency services personnel
- Industrial safety teams and HSE professionals
- Confined space workers
- Oil, gas, mining, and chemical plant responders
- Military and security personnel

Individual Benefits

- Hands-on confidence in real BA gear
- Sharpened skills in handling emergencies under low visibility
- Improved physical readiness and psychological resilience
- Qualification for high-risk confined or hazardous zone work

Organizational Benefits

- Increased personnel readiness for emergency response
- Lower risk during confined space and fire rescue operations
- Compliance with national and international safety protocols
- Enhanced coordination in high-risk intervention zones

Instructional Methodology

- Classroom theory with real apparatus demonstrations
- Supervised hands-on practice using BA sets
- Hazard zone drills (low light/smoke simulations)
- Live performance feedback and safety evaluations
- Emergency scenario response training

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 Breathing Apparatus

- **Module 1:** Principles of Respiration and Need for BA (07:30 – 09:30)
- **Module 2:** Types of Breathing Apparatus – Focus on Open Circuit (09:45 – 11:15)
- **Module 3:** Component Functions and Limitations (11:30 – 01:00)
- **Module 4:** Demonstration – BA Set Breakdown & Assembly (02:00 – 03:30)

Day 2: Safety and Operational Checks

- **Module 1:** Daily Checks and Cylinder Handling (07:30 – 09:30)
- **Module 2:** Donning, Doffing, and Mask Fit Checks (09:45 – 11:15)
- **Module 3:** Communication and Entry Control Procedures (11:30 – 01:00)
- **Module 4:** Hands-On Drill – Donning Under Time Limit (02:00 – 03:30)

Day 3: Working in Simulated Environments

- **Module 1:** BA Operation in Low Visibility Conditions (07:30 – 09:30)
- **Module 2:** Movement Techniques While Wearing BA (09:45 – 11:15)
- **Module 3:** Team Communication and Entry Procedures (11:30 – 01:00)
- **Module 4:** Smoke Room/Simulation Chamber Entry Drill (02:00 – 03:30)

Day 4: Emergency Procedures and BA Failures

- **Module 1:** BA Malfunctions and Emergency Responses (07:30 – 09:30)
- **Module 2:** Rescue Techniques Using BA (09:45 – 11:15)
- **Module 3:** Evacuation and Recovery Protocols (11:30 – 01:00)
- **Module 4:** Practical Simulation – Rescue Under Air Stress (02:00 – 03:30)

Day 5: Final Assessment and Certification

- **Module 1:** Written Knowledge Assessment (07:30 – 09:30)
- **Module 2:** Full BA Operation Scenario (09:45 – 11:15)
- **Module 3:** Individual Performance Review and Feedback (11:30 – 01:00)
- **Module 4:** Certification Ceremony and Course Wrap-Up (02:00 – 03:30)

Certification

Participants who complete the course and pass assessments will be awarded a **Certificate of Competence in Operating Open Circuit Breathing Apparatus**, recognized for emergency, industrial, and rescue operations.

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In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: +601116373203	EMAIL: info@mawaevents.net
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