

CERTIFICATE IV IN EMERGENCY RESPONSE COORDINATION (MINING)

“Command Mine Site Emergencies with Authority, Readiness & Tactical Precision.”

Schedule

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

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

Introduction

The Certificate IV in Emergency Response Coordination (Mining) is a nationally recognized qualification tailored specifically for mining professionals responsible for coordinating, managing, and leading emergency response operations on surface and underground mine sites.

This competency-based program equips Emergency Services Officers (ESOs), Emergency Coordinators, and Site Leaders with the practical and leadership skills to respond to incidents such as underground fires, entrapments, HAZMAT leaks, blasting accidents, medical emergencies, and site evacuations.

Objectives

Participants completing this program will be able to:

- Lead mine rescue teams in accordance with mining emergency protocols
- Operate and manage mine site emergency communications and control systems
- Coordinate multi-hazard response including fires, confined space rescues, vehicle accidents, and medical events
- Implement WHS and risk management systems in emergency scenarios
- Liaise with mine management, medical support, and external response agencies
- Conduct post-incident investigations, debriefings, and documentation

Why Attend

- Gain a qualification that supports legal, regulatory, and functional readiness
- Advance to leadership positions as a Mine ESO, Fire Officer, or Response Coordinator
- Enhance site compliance under the WHS Act, mining legislation, and audit frameworks
- Lead real-time responses to high-risk events with confidence and structured action
- Build team coordination skills for surface and underground operations

Target Audience

- Emergency Services Officers (ESOs) – Mining Sector
- Site Supervisors & Shift Controllers
- HSE Coordinators / WHS Officers
- Mine Rescue Team Leaders
- Firefighters working in mining & resource operations
- Emergency Coordinators for remote or hazardous sites

Individual Benefits

- Qualification for promotion to ESO or Emergency Lead roles
- Field-tested strategies for managing life-threatening mining incidents
- Practical experience in command roles, simulations, and live drills
- Broader understanding of WHS risk management and site-wide emergency planning
- Career recognition and capability across mining & resource sectors

Organizational Benefits

- Enhanced readiness for real-time emergency response and critical incident leadership
- Increased compliance with statutory emergency preparedness requirements
- Strengthened internal capability without reliance on external responders
- Reduction of incident impact through faster, structured decision-making
- Builds leadership pipeline for mine emergency and WHS teams

Instructional Methodology

- Realistic mine site emergency simulations
- Role-based rescue command drills
- Multi-agency coordination exercises
- WHS & legislative compliance mapping
- Hazard-specific workshops (fires, blasting, collapses, rescues)
- Field scenario assessments & certification evaluation

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: Emergency Command in the Mining Context

- Module 1: Roles of the ESO & Mine Emergency Structure (07:30 – 09:30)
- Module 2: WHS, MSIR, and Regulatory Compliance for Mine Emergencies (09:45 – 11:15)
- Module 3: Site Emergency Plans, Triggers, and Chain of Command (11:30 – 01:00)
- Module 4: Workshop – Command Post Setup & Resource Allocation (02:00 – 03:30)

Day 2: Managing Mining-Specific Hazards

- Module 1: Underground Fire, Gas, and Explosion Response (07:30 – 09:30)
- Module 2: HAZMAT, Chemical Spills, and Blasting Incidents (09:45 – 11:15)
- Module 3: Roadway Accidents, Medical Response & Mine Evacuation (11:30 – 01:00)
- Module 4: Case Study – Analysis of Major Mining Incidents (02:00 – 03:30)

Day 3: Response Team Coordination & Rescue Operations

- Module 1: Crew Leadership and Emergency Team Management (07:30 – 09:30)
- Module 2: Confined Space and Entrapment Rescues (09:45 – 11:15)
- Module 3: Mine Rescue Breathing Apparatus and Equipment Control (11:30 – 01:00)
- Module 4: Field Simulation – Surface & Underground Rescue Response (02:00 – 03:30)

Day 4: Communication, Safety, and Post-Incident Analysis

- Module 1: Emergency Communications & Radio Procedures (07:30 – 09:30)
- Module 2: Risk Assessment and Scene Safety Management (09:45 – 11:15)
- Module 3: Post-Incident Investigation & Debrief Techniques (11:30 – 01:00)
- Module 4: Scenario Review – Managing a Multi-Stage Mining Emergency (02:00 – 03:30)

Day 5: Capstone Command Simulation & Assessment

- Module 1: Full-Scale Simulation – Major Mining Incident Response (07:30 – 09:30)
- Module 2: Performance Evaluation and Team Debrief (09:45 – 11:15)
- Module 3: Assessment Review and Knowledge Check (11:30 – 01:00)
- Module 4: Certification Ceremony and Closing Remarks (02:00 – 03:30)

Certification

Upon successful completion of the course and assessments, participants will be awarded the Certificate IV in Emergency Response Coordination – Mining, recognized across mining, oil & gas, and heavy industry sectors. This certificate confirms operational readiness, site command capabilities, and technical response competence for high-risk mining environments.

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