Mines Rescue has almost 90 years experience assisting the mining industry to manage risk and operate safely. To ensure the highest quality standards, Mines Rescue plays a pivotal role in training through its Registered Training Organisation, offering training programs that have been developed by mining and emergency response professionals with national qualifications.

The Certificate IV in Underground Coal Operations offered by Mines Rescue reflects the role of mining supervisors and team leaders (Deputy's) in an underground coal mine. The course prepares participants to take on the more senior responsibilities of managing teams, implementing risk management systems and applying statutory requirements.

The tasks involve a broad range of complex work activities including:

- Leadership and communication
- Contribution to technical solutions and to non-routine problems
- Application and monitoring of safety management plans

Successful completion of this course will meet the Coal Competency Board’s educational requirement to sit for the third Class Certificate of Competency (Deputy’s) examination.

Course Overview

Fast Facts

Course name
Certificate IV in Underground Coal Operations

Who should attend?
Individuals who wish to pursue a career as a Mining Supervisor (Deputy).

Duration
26 days over a 12 month period.

Locations
- Lithgow
- Newcastle
- Woonona or at your site

Delivery method
A combination of face-to-face classroom based training, desktop scenarios, case studies and practical training exercises via the virtual reality facilities.

Assessment method
Assessment may include written and oral questioning, practical demonstrations/scenarios, workplace practical assessments under the guidance of an appropriate workplace mentor, and through submitted projects/assignments.

Course fees
Please see our pricing document available on our website. Onsite training costs are available upon request.
Learning outcomes

Upon successful completion of this course, participants will be awarded a Certificate IV in Underground Coal Operations (RII40415). 13 units are required for this qualification, Mines Rescue offers the following:

- RIIERR402D Apply and monitor underground coal mine emergency preparedness and response systems
- RIIMCU403D Apply and monitor gas management plan
- RIIMCU407D Apply and monitor the strata management plan
- RIIMCU408D Apply the spontaneous combustion management plan
- RIIMEX406D Apply and monitor mine transport system and production equipment
- RIIARA401D Apply and monitor mine services and infrastructure systems
- RIIRIS402D Carry out the risk management processes
- RIIRUN401D Apply and monitor the ventilation management plan
- RIIMCU404E Apply and monitor the gas drainage management plan
- RIIMCU405D Apply and monitor the outburst management plan
- RIIMCU406D Apply and monitor the inrush management plan
- RICOM301D Communicate information
- RIIBLA302D Conduct shotfiring operations in underground coal mines; or
- RIIBLA202E Support underground shotfiring operations

After completing this course, participants may choose to continue their studies by undertaking the Diploma of Underground Coal Mining Management (RII50915). The diploma aims to prepare participants for a role as a Mining Supervisor (Undermanager).

Entry requirements

No formal previous learning is required for this course however Mines Rescue encourages participants to gain knowledge and experience of the policies and procedures at their workplace before starting the course. It is also an expectation that participants have experience working in an underground coal mine environment.

It is acknowledged that this is a course based on a Certificate IV level qualification that requires appropriate levels of language, literacy and numeracy skills to manage course work, in-course activities and assessment tasks.

Further information

Please refer to the Mines Rescue Participant Handbook located on our website for relevant policy information, including Payment Terms and Conditions and Refund and Fees Policy.

If you believe you already hold some or all of the skills, knowledge and/or experience for this course, you may be eligible to apply for Recognition of Prior Learning (RPL). You are encouraged to refer to our Participant Handbook and RPL/CT Handbook for Applicants and speak with Mines Rescue prior to commencing training.

For any further information please contact your local Mines Rescue station or visit our website www.minesrescueservices.com.

“I would certainly recommend Mines Rescue Deputy Courses to anybody wishing to maximise their exposure to quality trainers/mentors throughout the course. Managers, Undermanagers, highly regarded consultants, pioneers of gas drainage in Australia constituted the level of exposure I was lucky enough to experience throughout the course. The optional tutorial mid-month proved to be an excellent opportunity to address any further questions you may require answered and for the curious it didn’t matter how deep you wanted to go, you left with an understanding of the subject. Certainly a very professional course from the modules to the written and oral exams with excellent resources, training, mentorship and support in a very modern facility.”

—Laurie Cohen WE/NS Deputy