



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **RII50909 Diploma of Underground Coal Mining Management**

**Release: 1**

## **RII50909 Diploma of Underground Coal Mining Management**

### **Modification History**

Not applicable.

### **Description**

This qualification reflects the role of mine managers who work in an underground coal mine who perform tasks involving a high level of autonomy and requiring the application of significant judgement in planning and determining the selection of equipment/roles/techniques for themselves and others. They are required to demonstrate the application of a broad range of technical, managerial, coordination and planning and implement safety management plans.

### **Pathways Information**

Not applicable.

### **Licensing/Regulatory Information**

Not applicable.

### **Entry Requirements**

Not applicable.

## Employability Skills Summary

The following table includes a summary of the employability skills as identified by the resources and infrastructure industry for this qualification. The table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes required here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> <li>• provide clear and direct feedback</li> <li>• listen carefully to instructions and information</li> <li>• read and interpret project plans and safety signs</li> <li>• calculate basic weights, distances and volumes</li> <li>• complete accurate work plans, technical reports, risk assessments, etc</li> <li>• negotiate solutions to customer and workplace based issues</li> <li>• negotiate project details with clients</li> <li>• network with other professionals working in the same field</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• plan and lead team performance and operations</li> <li>• coordinate project activities and timelines with clients</li> <li>• work cooperatively with people of different ages, gender, race, religion or political persuasion</li> <li>• provide feedback and advice to staff</li> <li>• lead site-wide planning and coordination activities</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• re-allocate staff and resources in response to changing weather, site conditions and priorities</li> <li>• manage staff to solve problems and coordinate individual responsibilities and activities</li> <li>• work cooperatively with clients to resolve contract and operational issues</li> <li>• manage the ongoing review and adjustment of operations against performance indicators and project milestones</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• act independently to identify potential improvements to working practice and conditions</li> <li>• identify and take steps to resolve risks in the workplace</li> <li>• encourage the exploration and application of innovative approaches to improve on operational performance</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• manage and coordinate time and priorities for self and team</li> <li>• identify and obtain appropriate personnel and resources for work</li> <li>• ensure that risks are assessed and appropriate emergency plans are in place</li> <li>• ensure that project planning incorporates the possibility of adapting to future changes</li> </ul>

Self-management	<ul style="list-style-type: none"><li>• take responsibility for ensuring team targets and goals are achieved</li><li>• understand the standard of work expected at the work site</li><li>• proactively manage team performance</li><li>• develop trust and confidence in staff and customers</li></ul>
Learning	<ul style="list-style-type: none"><li>• be willing to learn new ways of working</li><li>• seek information to improve performance from people and workplace documents like policies, procedures etc</li><li>• understand equipment characteristics, technical capabilities, limitations and procedures</li><li>• lead change and continuous improvement processes</li><li>• manage learning and development plans</li><li>• prepare and lead formal or informal training sessions</li></ul>
Technology	<ul style="list-style-type: none"><li>• apply a range of basic IT skills in monitoring and reporting on systems</li><li>• operate equipment safely and according to manufacturer and workplace guidelines</li><li>• use communications technology appropriate to the workplace (email, mobile, radio, etc)</li><li>• use computer technology to monitor and communicate project status</li><li>• use IT to create documents and maintain records of work activities</li></ul>

## Packaging Rules

### Requirements for completion of the qualification

The following table provides the packaging rules for this qualification, followed by the list of relevant units of competency.

**Note about regulations:** RIIBLA302A and RIIMCU505A are Mandatory in NSW.

Successful completion of twelve (12) units of competency made up of:

- nine (9) mandatory units, and
- three (3) elective units of which:
  - at least two (2) must come from the specified electives listed below
  - up to one (1) from the general electives listed below
  - up to one (1) unit may come from Certificate IV, Diploma or Advanced Diploma level from this, or any other Training Package

Units chosen must be relevant to the job function.

Care must be taken to ensure that all prerequisites specified within imported units, or units chosen as electives, are complied with.

<b>Mandatory units of competency</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIERR501A	Implement underground coal mine emergency preparedness and response systems
RIIMCU501A	Implement the spontaneous combustion management plan
RIIMCU502A	Implement the gas management plan
RIIMCU506A	Implement strata management plan
RIIRAI501B	Implement mine transport systems and production equipment
RIIRAI503B	Implement site services and infrastructure systems
RIIRIS402A	Carry out the risk management processes
RIIUND501A	Implement the ventilation management plan
	<b>AND</b>
RIIBLA302A	Conduct shotfiring operations in underground coal mines( <b>Mandatory in NSW</b> )
	<b>OR</b>

RIIBLA202B	Support underground shotfiring operations( <b>Minimum in Queensland</b> )
<b>Specified electives</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBOHS407A	Monitor a safe workplace
RIICOM301B	Communicate information
RIIMCU503A	Implement the gas drainage management plan
RIIMCU504A	Implement the outburst management plan
RIIMCU505A	Implement the inrush management plan( <b>Mandatory in NSW</b> )
RIIOHS301A	Conduct safety and health investigations
RIIRAI506A	Implement, monitor, rectify and report on inventory control system
RIIPRM501A	Implement, monitor, rectify and report on contracts
RIIUND603A	Manage, operate and maintain the mine ventilation system
<b>General electives</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBFIM501A	Manage budgets and financial plans
BSBINN502A	Build and sustain an innovative work environment
BSBLED501A	Develop a workplace learning environment
BSBMGT515A	Manage operational plan
BSBMGT516A	Facilitate continuous improvement
BSBSMB402A	Plan small business finances
BSBWOR501A	Manage personal work priorities and professional development
BSBWOR502A	Ensure team effectiveness
RIIGOV401B	Apply, monitor and report on compliance systems