



**Australian Government**

# **RII30611 Certificate III in Small Mining Operations**

**Release 3**

## **RII30611 Certificate III in Small Mining Operations**

### **Modification History**

Not applicable.

### **Description**

This qualification reflects the role of individuals working in an underground or open cut soft rock small mine, such as an opal mine. They perform tasks involving a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgment in selecting equipment, services or contingency measures.

### **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>• speak clearly and directly</li> <li>• listen carefully to instructions and information</li> <li>• read and interpret work instructions and safety signs</li> <li>• calculate basic weights, distances and volumes</li> <li>• complete incident and maintenance reports</li> <li>• adjust communication style to meet the needs of people with diverse backgrounds</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• apply teamwork in a range of situations, particularly in a safety context</li> <li>• contribute to the planning and execution of operations</li> <li>• work cooperatively with people of different ages, gender, race, religion or political persuasion and people with disability</li> <li>• recognise and respond sensitively to people from culturally and linguistically diverse backgrounds</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• adjust work methods in response to changing weather and site conditions</li> <li>• participate in team solutions to safety issues</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• independently adapt to changing work conditions or different work areas</li> <li>• identify potential improvements to working practice and conditions</li> <li>• identify and assess risks in the workplace</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• manage time and priorities to complete work</li> <li>• identify and obtain appropriate equipment and permits</li> <li>• identify potential hazards and prepare appropriate responses</li> <li>• follow procedures and techniques relevant to the equipment and work being done</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>• take responsibility for planning and organising own work priorities and completing assigned tasks</li> <li>• monitor own performance to ensure work will be completed well and on time</li> <li>• understand the standard of work expected at a work site</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</li> </ul>

	<p>workplace documents like policies, procedures etc</p> <ul style="list-style-type: none"><li>• understand equipment characteristics, technical capabilities, limitations and procedures</li></ul>
Technology	<ul style="list-style-type: none"><li>• use technology to monitor and report on work progress</li><li>• use communications technology appropriate to the workplace (email, mobile, radio, etc)</li><li>• operate equipment safely</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.

Successful completion of fifteen (15) units of competency made up of:

- three (3) Core units, and
- twelve (12) elective units of which:
- at least five (5) must come from the Group A electives listed below
- up to seven (7) from the Group B electives listed below
- up to one (1) unit may come from AQF level II, III or IV level from this, or any other, Training Package.

Units of competency chosen must be relevant to the competency requirements for 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>Core units of competency</b>	
<i>Unit code</i>	<i>Unit title</i>
RIICOM201A	Communicate in the workplace
RIIOHS201A	Work safely and follow OHS policies and procedures
RIIRIS201B	Conduct local risk control
<b>Group A electives</b>	
<i>Unit code</i>	<i>Unit title</i>
RIICAR302A	Rehabilitate small mine site
RIIMEX201A	Suppress dust in open-cut environment
RIIMEX203B	Break oversize rock
RIIMEX302B	Assess ground conditions
RIIMPO301C	Conduct hydraulic excavator operations
RIIMPO304B	Conduct wheel loader operations
RIIMPO311A	Conduct haul truck operations
RIIMPO314A	Operate small open cut mine equipment
RIIMSM301A	Establish a mining claim

RIIMSM302A	Plan small mine operations
RIIMSM303A	Install underground shaft
RIIMSM304A	Inspect small mines operations
RIIMSM305A	Conduct materials extraction operations underground
RIIMSM306A	Design and maintain pillar system and ground control
RIIMSM307A	Install and maintain ventilation systems and equipment
RIISRM303B	Move and position materials to form stockpiles
RIISRM304B	Maintain stockpiles
RIIUMM201A	Install ground support
RIIUMM203A	Prepare and perform manual scaling operations
AHCNAR201A	Carry out natural area restoration works
AHCSAW201A	Conduct erosion and sediment control activities
AHCNAR303A	Implement revegetation works
AHCSAW301A	Construct conservation earthworks
<b>Group B electives</b>	
<i>Unit code</i>	<i>Unit title</i>
HLTFA301C	Apply first aid
RIIENV201A	Identify and assess environmental and heritage concerns
RIIERR302A	Respond to local emergencies and incidents
RIIHAN203A	Conduct lifting operations
RIIHAN208A	Perform dogging
RIIHAN209A	Perform basic rigging
RIIOHS204A	Work safely at heights
RIIPEO201B	Conduct conveyor operations
RIIRIS301B	Apply risk management processes

RIISAM207A	Apply operational maintenance skills
RIISAM212A	Service mine plant and equipment
RIISAM213A	Position and set up mobile lighting
RIISAM310A	Install and commission small mine plant, machinery and services