



**Australian Government**

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

# **RII20209 Certificate II in Surface Extraction Operations**

**Release: 1**

## **RII20209 Certificate II in Surface Extraction Operations**

### **Modification History**

Not applicable.

### **Description**

This qualification reflects the role of individuals working as an operator on sites such as an open cut coal mine, a quarry or an open cut metalliferous mine, undertaking a prescribed range of tasks involving known routines and procedures, and taking some responsibility for the quality of work outcomes.

### **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>

	workplace documents like policies, procedures etc <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 nine (9) units of competency made up of:

- five (5) mandatory units, and
- four (4) elective units of which:
  - at least two (2) must come from the specified electives listed below
  - up to two (2) from the general electives listed below, or from Certificate II or Certificate III 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>
BSBSUS201A	Participate in environmentally sustainable work practices
RIICOM201A	Communicate in the workplace
RIIOHS201A	Work safely and follow OHS policies and procedures
RIIRIS201B	Conduct local risk control
	<b><i>And either</i></b>
RIIQUA201A	Maintain and monitor site quality standards
	<b><i>OR</i></b>

RIIGOV201A	Comply with site work processes/procedures (Coal)
<b>Specified electives</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIERR205A	Apply initial response first aid
RIIERR302A	Respond to local emergencies and incidents
RIIENV202A	Suppress airborne contaminants
RIIMCO202A	Conduct mobile slew conveyor operations
RIIMEX202A	Install open-cut mine ground support
RIIMEX203B	Break oversize rock
RIIMEX204A	Conduct workboat/barge operations
RIIMPO203A	Support bucket wheel system operations
RIIMPO204A	Conduct conveyor shifting dozer operations
RIIMPO205A	Operate roller/compactor
RIIMPO206A	Conduct bulk water truck operations
RIIMPO208A	Operate support equipment
RIIMPO311A	Conduct haul truck operations
RIIPEO201B	Conduct conveyor operations
RIIPEO202A	Provide deck support for conveyor-car high wall mining operations
RIIPEO203B	Conduct stacker operations
RIIPEO206A	Lay and recover cables and hoses
RIIPRO201A	Conduct crushing operations
RIIPRO202A	Conduct screening and conveying operations
RIIPRO203A	Operate programmable logic control systems
RIIPRO205A	Conduct blending plant operations
RIISAM202A	Isolate and access plant

RIISAM214A	Provide support to electrical tradesperson
RIISRM302B	Conduct stockpile reclaiming operations
RIIVEH201B	Operate light vehicle
RIIWMG201A	Conduct dewatering activities in surface operations
<b>General electives</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBITU101A	Operate a personal computer
RIIBEF201B	Plan and organise work
RIIBEF202A	Identify and rectify site operating problems
RIIBLA203A	Conduct mobile mixing of explosives
RIIBLA205A	Store, handle and transport explosives
RIICCM208A	Carry out basic levelling
RIIENV201A	Identify and assess environmental and heritage concerns
RIIERR201A	Conduct fire team operations
RIIHAN201A	Operate a forklift
RIIHAN203A	Conduct lifting operations
RIIHAN206A	Transport plant, equipment and personnel
RIIHAN208A	Perform dogging
RIIHAN209A	Perform basic rigging
RIIHAN210A	Perform intermediate rigging operations
RIIHAN211A	Conduct basic scaffolding operations
RIIHAN212A	Conduct non-slewing crane operations
RIIOHS202A	Enter and work in confined spaces
RIIOHS204A	Work safely at heights
RIISAM205A	Cut, weld and bend materials

RIISAM207A	Apply operational maintenance skills
RIISAM208A	Perform plant operational maintenance
RIISAM210A	Remove and fit wheel assemblies
RIISAM211B	Remove, repair and refit tyres and tubes
RIISAM212A	Service mine plant and equipment
RIISAM213A	Position and set up mobile lighting
RIISAM302A	Service and handover plant and machines
RIISTD202A	Collect routine site samples
RIIVEH202A	Operate a medium vehicle
RTD2022A	Carry out natural area restoration works
RTD2202A	Conduct erosion and sediment control activities
RTD3034A	Implement revegetation works
RTD3205A	Construct conservation earthworks
TLID2207C	Conduct weighbridge operations