



**Australian Government**

# **RII20220 Certificate II in Surface Extraction Operations**

# RII20220 Certificate II in Surface Extraction Operations

## Modification History

Release	Comments
2	Superseded elective units updated
1	This qualification was first released in RII Resources and Infrastructure Industry Training Package Release 7.0.

## Qualification Description

This qualification reflects the role of individuals working as entry-level operators in open cut coal or metalliferous mines or quarries, who perform a prescribed range of tasks involving known routines and procedures, and take some responsibility for the quality of work outcomes.

## Licensing/Regulatory Information

Licensing, legislative and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the qualification.

## Entry Requirements

Nil

## Packaging Rules

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

Total number of units = 9

- **4 core units** plus
- **5 elective units**, of which:
  - at least 1 must be from Group A
  - at least 2 must be from Group B
  - no more than 2 may be from Group C

- no more than 2 may be from elsewhere in this or any other currently endorsed training package, or from an accredited course.

Elective units must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid industry-supported vocational outcome.

The elective bank contains both licensed and non-licensed units of competency relating to high risk work in the resources and infrastructure industry. To be appointed under any statutory requirements in related roles, units of competency should be selected to meet the state/territory licensing requirements.

There are no prerequisites to imported units listed in this qualification. Where a unit is imported as an elective care must be taken to ensure that all prerequisites specified are complied with.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
BSBSUS211	Participate in sustainable work practices
RIICOM201E	Communicate in the workplace
RIIRIS201E	Conduct local risk control
RIIWHS201E	Work safely and follow WHS policies and procedures
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIIGOV201E	Comply with site work processes/procedures
RIIQUA201E	Maintain and monitor site quality standards
Group B	
<i>Unit code</i>	<i>Unit title</i>
RIIBLA203E	Conduct mobile mixing of explosives
RIIERR205D	Apply initial response first aid
RIIERR302E	Respond to local emergencies and incidents
RIIMEX201E	Suppress dust in open-cut environments
RIIMEX203D	Break oversize rock

RIIMEX204D	Conduct workboat/barge operations
RIIMPO205E	Operate roller/compactor
RIIMPO206D	Conduct bulk water truck operations
RIIMPO208F	Operate support equipment
RIIMPO338E	Conduct rigid haul truck operations
RIIPEO201E	Conduct conveyor operations
RIIPEO202E	Provide deck support for conveyor-car high wall mining operations
RIIPEO203D	Conduct stacker operations
RIIPEO206D	Lay and recover cables and hoses
RIIPRO201D	Conduct crushing operations
RIIPRO202D	Conduct screening and conveying operations
RIIPRO203D	Operate programmable logic control systems
RIIPRO205D	Conduct blending plant operations
RIISAM202E	Isolate and access plant
RIISAM212E	Service mine plant and equipment
RIIVEH201E	Operate a light vehicle
RIIVEH305F	Operate and maintain a four wheel drive vehicle
RIIWMG201D	Conduct dewatering activities in surface operations
Group C	
<b><i>Unit code</i></b>	<b><i>Unit title</i></b>
AHCECR203	Perform basic ecological restoration works
AHCECR303	Implement biological reintroduction works
AHCSAW203	Conduct erosion and sediment control activities
AHCSAW303	Construct conservation earthworks
BSBTEC101	Operate digital devices

BSBTWK301	Use inclusive work practices
CPCCLSF2001	Licence to erect, alter and dismantle scaffolding basic level
RIICCM208E	Carry out basic levelling
RIIENV201E	Identify and assess environmental and heritage concerns
RIIHAN201E	Operate a forklift
RIIHAN203E	Conduct lifting operations
RIIHAN206E	Transport plant, equipment and personnel
RIIHAN208E	Perform dogging
RIIHAN209E	Perform basic rigging
RIIHAN210D	Perform intermediate rigging operations
RIIHAN211D	Conduct basic scaffolding operations
RIIHAN212E	Conduct non-slewing crane operations
RIIRIS202E	Respond to site based spills
RIISAM205E	Cut, weld and bend materials
RIISAM207E	Apply operational maintenance skills
RIISAM208E	Perform plant operational maintenance
RIISAM213E	Position and set up mobile lighting
RIISTD202E	Collect routine site samples
RIIVEH202F	Operate a medium vehicle
RIIWHS202E	Enter and work in confined spaces
RIIWHS204E	Work safely at heights
TLID2022	Conduct weighbridge operations

## Pre-requisite Requirements

There are no prerequisite requirements for this qualification.

## Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
RII20220 Certificate II in Surface Extraction Operations	RII20215 Certificate II in Surface Extraction Operations		Equivalent

## Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>.