



Australian Government

RII30115 Certificate III in Surface Extraction Operations

Release: 5

RII30115 Certificate III in Surface Extraction Operations

Modification History

Release	Comments
1	This qualification replaces RII30113 Certificate III in Surface Extraction Operations. Packaging Rules wording changed to clarify intent. Elective Groups D and E combined. Removed RIIBLA304D Conduct underground production shotfiring from Group D. Added RIIBLA308D Conduct electronic blasting operations and BSBDIV301 Work effectively with diversity to Group D electives. Updated codes of imported units. Added qualification mapping information.
2	This version was released with RII Resources and Infrastructure Training Package version 3.0.
3	Editorial corrections.
4	Minor change to add the following units of competency to the elective list: RIIBEF302E Monitor site production activities RIIBLA305E Conduct secondary blasting RIIBLA307E Conduct a blast survey RIIMCO303E Conduct auger miner operations RIIMEX303 Conduct local geotechnical risk control in surface operations RIISAM303E Shutdown dredge for operator maintenance RIISAM306E Service and maintain conveyors, feeders and hoppers RIISAM307E Service and maintain crushers RIISAM308E Service and maintain screens RIISAM309E Service and maintain pumps RIIVEH302E Operate multi-combination vehicle RIIVEH303F Drive heavy combination vehicle RIIVEH306E Operate mine service vehicle RIIVEH307F Operate heavy rigid vehicle
5	Minor change to add RIICRC310E Construct and maintain roads and RIIENV302E Apply environmentally sustainable work practices to the elective list.

Qualification Description

This qualification reflects the role of employees such as production operators in an open cut mine or quarry, who perform tasks involving a broad range of skilled applications in a varied work context, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative, regulatory and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the qualification.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

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

Total number of units = 13

3 core units plus

10 elective units, of which:

- one (1) must be chosen from Group A
- one (1) must be chosen from Group B
- at least three (3) must be chosen from Group C
- no more than (3) may be chosen from Group D
- no more than (2) may be chosen from within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected from outside this qualification must reflect current occupational and learning outcomes of this AQF qualification level.

There are both licensed and non-licensed units of competency relating to high risk work in the Resources and Infrastructure Industry Training Package. 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 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>
RIIENV201D	Identify and assess environmental and heritage concerns
RIIRIS301D	Apply risk management processes
RIIWHS201D	Work safely and follow WHS policies and procedures
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIICOM301D	Communicate information

RIICOM302D	Communicate workplace information
Group B	
<i>Unit code</i>	<i>Unit title</i>
RIIGOV201D	Comply with site work processes/procedures
RIIQUA201D	Maintain and monitor site quality standards
Group C	
<i>Unit code</i>	<i>Unit title</i>
MSMPER300	Issue work permits Prerequisite unit: MSMWHS201 Conduct hazard analysis
RIIBHD301D	Conduct surface blast hole drilling operations
RIIBHD304D	Set up and prepare for open cut drilling operations
RIIBHD305D	Conduct down-hole hammer drilling
RIIBLA301D	Conduct surface shotfiring operations
RIIMCO301D	Conduct control centre operations
RIIMCO302D	Conduct surface miner operations
RIIMCO303E	Conduct auger miner operations
RIIMEX301D	Conduct dredging operations
RIIMEX302D	Assess ground conditions
RIIMEX303	Conduct local geotechnical risk control in surface operations
RIIMPG301D	Control and monitor automated plant/machinery
RIIMPO206D	Conduct bulk water truck operations
RIIMPO301E	Conduct hydraulic excavator operations
RIIMPO302E	Conduct hydraulic shovel operations
RIIMPO303E	Conduct rope shovel operations
RIIMPO304E	Conduct wheel loader operations
RIIMPO305F	Conduct coal stockpile dozer operations
RIIMPO306D	Operate plant/machinery on live stockpiles
RIIMPO308F	Conduct tracked dozer operations
RIIMPO309F	Conduct wheeled dozer operations
RIIMPO310F	Conduct grader operations
RIIMPO312E	Conduct scraper operations
RIIMPO313E	Conduct face loading operations

RIIMPO329E	Conduct dragline operations
RIIMPO330E	Conduct bucket wheel operations
RIIMPO331E	Conduct operations with stockpile dozer
RIIMPO336E	Conduct belly dump truck operations
RIIMPO337E	Conduct articulated haul truck operations
RIIMPO338E	Conduct rigid haul truck operations
RIINHB307D	Conduct conventional core drilling
RIIPEO301D	Conduct conveyor-car high wall mining operations
RIIPRO301D	Conduct crushing and screening plant operations
RIIPRO302D	Perform process control room operations
RIIPRO303D	Conduct sand wash plant operations
RIISAM202D	Isolate and access plant
RIISAM301E	Test operational functions of vehicles and equipment
RIISRM301D	Blend stockpile materials
RIISRM302D	Conduct stockpile reclaiming operations
RIISRM303D	Move and position materials to form stockpiles
RIISRM304D	Maintain stockpiles
RIIVEH201D	Operate light vehicle
RIIVEH305E	Operate and maintain a four wheel drive vehicle
RIIVEH307F	Operate heavy rigid vehicle
Group D	
<i>Unit code</i>	<i>Unit title</i>
AHCNAR303	Implement revegetation works
AHCSAW301	Construct conservation earthworks
AURKTJ011	Remove, inspect and fit earthmoving and off-the-road tyres
AURKTJ012	Remove, inspect and fit earthmoving and off-the-road wheel and rim assemblies
BSBDIV301	Work effectively with diversity
BSBINN301	Promote innovation in a team environment
BSBPUR301	Purchase goods and services
CPCCLDG3001A	Licence to perform dogging
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level
CPCCLSF3001A	Licence to erect, alter and dismantle scaffolding intermediate level

	<ul style="list-style-type: none"> Prerequisite unit: CPCCLSF2001A Licence to erect, alter and dismantle scaffolding basic level
HLTAID003	Provide first aid
MSL913004	Plan and conduct laboratory/field work
MSL924003	Process and interpret data
MSL943003	Work safely with instruments that emit ionising radiation
MSL973013	Perform basic tests
RIIBEF302E	Monitor site production activities
RIIBLA201D	Support shotfiring operations
RIIBLA205D	Store, handle and transport explosives
RIIBLA305E	Conduct secondary blasting
RIIBLA306D	Conduct accretion firing
RIIBLA307E	Conduct blast survey
RIIBLA308D	Conduct electronic blasting operations
RIICRC310E	Construct and maintain roads
RIIENV302E	Apply environmentally sustainable work practices
RIIERR301D	Respond to mine incident
RIIERR302E	Respond to local emergencies and incidents
RIIERR308D	Extricate and transport people involved in incidents
RIIERR310D	Provide support for rescue operations
RIIHAN208D	Perform dogging
RIIHAN301E	Operate elevating work platforms
RIIHAN302D	Conduct intermediate scaffolding operations
RIIHAN304E	Conduct slewing crane operations
RIIHAN305D	Operate a gantry or overhead crane
RIIHAN307E	Operate a vehicle loading crane
RIIHAN311F	Conduct operations with integrated tool carrier
RIIPEO206D	Lay and recover cables and hoses
RIIRIS202D	Respond to site based spills
RIIRIS401D	Apply site risk management system
RIISAM303E	Shut down dredge for operator maintenance
RIISAM304D	Install, commission and maintain major conveyor equipment and systems
RIISAM305D	Repair and splice conveyor belting

RIISAM306E	Service and maintain conveyors, feeders and hoppers
RIISAM307E	Service and maintain crushers
RIISAM308E	Service and maintain screens
RIISAM309E	Service and maintain pumps
RIISAM315A	Manage tyre, wheel and rim assembly applications
RIISTD301D	Take environmental samples and measurements
RIIVEH302E	Operate multi-combination vehicle
RIIVEH303F	Drive heavy combination vehicle
RIIVEH306E	Operate mine service vehicle
RIIWHS301D	Conduct safety and health investigations
TLIC3004	Drive heavy rigid vehicle
TLID2022	Conduct weighbridge operations
TLILIC0002	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC0005	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)
TLILIC0006	Licence to operate a bridge and gantry crane
TLILIC0010	Licence to operate a slewing mobile crane (up to 20 tonnes)
TLILIC2016	Licence to drive a heavy rigid vehicle
TLILIC3017	Licence to drive a heavy combination vehicle
TLILIC3018	Licence to drive a multi combination vehicle

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RII30115 Certificate III in Surface Extraction Operations	RII30113 Certificate III in Surface Extraction Operations	Packaging rules changed to clarify intent; elective Groups D and E combined; added two elective units; removed a blasting elective unit	Equivalent qualification

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

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