



Australian Government

RII30120 Certificate III in Surface Extraction Operations

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Modification History

Release	Comments
3	Superseded elective units updated
2	This version was released with RII Resources and Infrastructure Industry Training Package Version 7.1. Version created to add RIICOM302D and RIIMCO303E to electives list.
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 such as production operators, working in open cut coal or metalliferous mines or quarries, 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/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 = 13

- **3 core units** plus
- **10 elective units**, of which:
 - 1 must be from Group A

- 1 must be from Group B
- at least 3 must be from Group C
- no more than 3 may be from Group D
- 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 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>
RIIENV201E	Identify and assess environmental and heritage concerns
RIIRIS301E	Apply risk management processes
RIIWHS201E	Work safely and follow WHS policies and procedures
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIICOM301E	Communicate information
RIICOM302D	Communicate workplace information
Group B	
<i>Unit code</i>	<i>Unit title</i>
RIIGOV201E	Comply with site work processes/procedures
RIIQUA201E	Maintain and monitor site quality standards
Group C	
<i>Unit code</i>	<i>Unit title</i>

MSMPER300*	Issue work permits
RIIARO301	Work safely in autonomous environments
RIIARO302	Work safely with remotely piloted aircraft systems
RIIARO303	Operate equipment in autonomous environments
RIIARO304	Coordinate and interact with autonomous systems
RIIARO305	Build and maintain routes for autonomous operations
RIIARO306	Respond to obstructions to autonomous operations
RIIARO307	Activate and deactivate autonomous systems
RIIBHD301E	Conduct surface blast hole drilling operations
RIIHAN309F	Conduct telescopic materials handler 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 loader operations
RIIMPO319E	Conduct backhoe/loader operations
RIIMPO329F	Conduct dragline operations
RIIMPO331E	Conduct operations with stockpile dozer
RIIMPO334E	Conduct skid steer loader operations using attachments
RIIMPO335E	Conduct skid steer loader operations without attachments
RIIMPO336E	Conduct belly dump truck operations
RIIMPO337E	Conduct articulated haul truck operations
RIIMPO338E	Conduct rigid haul truck operations
RIINHB307D	Conduct conventional core drilling
RIINHB330	Conduct down-hole hammer drilling
RIIPEO301E	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
RIISAM301F	Test operational functions of vehicles and equipment
RIISRM301E	Blend stockpile materials
RIISRM302E	Conduct stockpile reclaiming operations
RIISRM303E	Move and position materials to form stockpiles
RIISRM304E	Maintain stockpiles
RIIVEH201E	Operate a light vehicle
RIIVEH304E	Conduct tip truck operations
RIIVEH305F	Operate and maintain a four wheel drive vehicle

RIIVEH307F	Operate a heavy rigid vehicle
Group D	
<i>Unit code</i>	<i>Unit title</i>
AHCECR303	Implement biological reintroduction works
AHCSAW303	Construct conservation earthworks
BSBPUR301	Purchase goods and services
BSBSTR401	Promote innovation in team environments
BSBTWK301	Use inclusive work practices
CPCCLDG3001	Licence to perform dogging
CPCCLSF2001	Licence to erect, alter and dismantle scaffolding basic level
CPCCLSF3001*	Licence to erect, alter and dismantle scaffolding intermediate level
HLTAID011	Provide first aid
MSL913004	Plan and conduct laboratory/field work
MSL924005	Process and interpret data
MSL943003	Work safely with instruments that emit ionising radiation
MSL973025	Perform basic tests
MSMWHS201	Conduct hazard analysis
RIIBEF302E	Monitor site production activities
RIIBLA201E	Support shotfiring operations
RIIBLA205E	Store, handle and transport explosives
RIIBLA301E	Conduct surface shotfiring operations
RIIBLA305E	Conduct secondary blasting
RIIBLA307E	Conduct a blast survey
RIICRC310E	Construct and maintain roads
RIIERR301E	Respond to work site incidents

RIIERR302E	Respond to local emergencies and incidents
RIIERR308E	Extricate and transport people involved in incidents
RIIERR406	Provide support for rescue operations
RIIHAN208E	Perform dogging
RIIHAN301E	Operate elevating work platform
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
RIIRIS202E	Respond to site based spills
RIIRIS401E	Apply site risk management system
RIISAM303E	Shutdown dredge for operator maintenance
RIISAM304E	Install, commission and maintain major conveyor equipment and systems
RIISAM306E	Service and maintain conveyors, feeders and hoppers
RIISAM307E	Service and maintain crushers
RIISAM308E	Service and maintain screens
RIISAM309E	Service and maintain pumps
RIISTD301D	Take environmental samples and measurements
RIIVEH302E	Operate multi-combination vehicle
RIIVEH303F	Drive heavy combination vehicle
RIIVEH306E	Operate a mine service vehicle
RIIWHS301E	Conduct safety and health investigations
TLIC3004	Drive heavy rigid vehicle

TLID2022	Conduct weighbridge operations
TLILIC0024	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)
TLILIC0016	Licence to operate a bridge and gantry crane
TLILIC0022	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

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
CPCCLSF3001 Licence to erect, alter and dismantle scaffolding intermediate level	CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level
MSMPER300 Issue work permits	MSMWHS201 Conduct hazard analysis
RIIERR308E Extricate and transport people involved in incidents	PUAFIR207B Operate breathing apparatus open circuit RIIERR303E Operate in self-contained regenerative oxygen breathing apparatus

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
RII30120 Certificate III in Surface Extraction Operations	RII30115 Certificate III 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>.