



**Australian Government**

# **RII30113 Certificate III in Surface Extraction Operations**

**Release 1**

## **RII30113 Certificate III in Surface Extraction Operations**

### **Modification History**

Not applicable.

### **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

Requirements for completion of the qualification

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

Successful completion of thirteen (13) units of competency made up of:

- three (3) core units, and
- ten (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
  - up to three (3) may be chosen from group D and/or group E
  - up to two (2) units may be chosen from Certificate II, Certificate III or Certificate IV level from this, or any other Training Package or accredited course

Units chosen must be relevant to the job function.

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 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.

The unit **RIICOM301D** Communicate information is part of the S1, S2, S3 suite of competencies required in Queensland for supervisors in the coal sector.

**RIIGOV201D** Comply with site work processes/procedures is mandatory for those working in Coal Mining.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIENV201D	Identify and assess environmental and heritage concerns
RIIRIS301D	Apply risk management processes
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIICOM301D	Communicate information
RIICOM302D	Communicate workplace information (except Coal)

	Mining)
Group B	
<b><i>Unit code</i></b>	<b><i>Unit title</i></b>
RIIGOV201D	Comply with site work processes/procedures (Mandatory for Coal Mining)
RIIQUA201D	Maintain and monitor site quality standards
Group C	
<b><i>Unit code</i></b>	<b><i>Unit title</i></b>
MSAPMPER300C	Issue work permits
RIIBHD301D	Conduct surface blast hole drilling operations
RIIBHD304D	Set up and prepare for open cut drilling operations
RIIBLA301D	Conduct surface shotfiring operations
RIIMCO301D	Conduct control centre operations
RIIMCO302D	Conduct surface miner operations
RIIMCO303D	Conduct auger miner operations
RIIMEX301D	Conduct dredging operations
RIIMEX302D	Assess ground conditions
RIIMPG301D	Control and monitor automated plant/machinery
RIIMPO206D	Conduct bulk water truck operations
RIIMPO301D	Conduct hydraulic excavator operations
RIIMPO302D	Conduct hydraulic shovel operations
RIIMPO303D	Conduct rope shovel operations
RIIMPO304D	Conduct wheel loader operations
RIIMPO305D	Conduct coal stockpile dozer operations
RIIMPO306D	Operate plant/machinery on live stockpiles
RIIMPO308D	Conduct tracked dozer operations
RIIMPO309D	Conduct wheeled dozer operations
RIIMPO310D	Conduct grader operations
RIIMPO312D	Conduct scraper operations
RIIMPO313D	Conduct face loading operations
RIIMPO329D	Conduct dragline operations
RIIMPO331D	Conduct stockpile dozer operations

RIIMPO336D	Conduct belly dump truck operations
RIIMPO337D	Conduct articulated truck operations
RIIMPO338D	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
RIISAM301D	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
RIIVEH307D	Operate heavy rigid vehicle
Group D	
<i>Unit code</i>	<i>Unit title</i>
BSBINN301A	Promote innovation in a team environment
BSBPUR301B	Purchase goods and services
HLTFA311A	Apply first aid
MSL924001A	Process and interpret data
MSL943001A	Work safely with instruments that emit ionising radiation
MSL913002A	Plan and conduct laboratory/field work
MSL973001A	Perform basic tests
RIIBEF302D	Monitor site production activities
RIIBLA201D	Support shotfiring operations
RIIBLA205D	Store, handle and transport explosives
RIIBLA304D	Conduct underground production shotfiring
RIIBLA305D	Conduct secondary blasting
RIIBLA306D	Conduct accretion firing
RIIBLA307D	Conduct blast survey

RIICRC310D	Construct and maintain roads
RIIERR301D	Respond to mine incident
RIIERR302D	Respond to local emergencies and incidents
RIIERR308D	Extricate and transport people involved in incidents
RIIERR310D	Provide support for rescue operations
RIIHAN208D	Perform dogging
RIIHAN301D	Operate elevating work platforms
RIIHAN302D	Conduct intermediate scaffolding operations
RIIHAN304D	Conduct slewing crane operations
RIIHAN305D	Operate a gantry or overhead crane
RIIHAN306D	Carry out lifting using multiple cranes
RIIHAN307D	Operate a vehicle loading crane
RIIHAN311D	Conduct operations with integrated tool carrier
RIIMPO206D	Conduct bulk water truck operations
RIIWHS301D	Conduct safety and health investigations
RIIPEO206D	Lay and recover cables and hoses
RIIRIS202D	Respond to site based spills
RIISAM303D	Shut down dredge for operator maintenance
RIISAM304D	Install, commission and maintain major conveyor equipment and systems
RIISAM305D	Repair and splice conveyor belting
RIISAM306D	Service and maintain conveyors, feeders and hoppers
RIISAM307D	Service and maintain crushers
RIISAM308D	Service and maintain screens
RIISAM309D	Service and maintain pumps
RIISTD301D	Take environmental samples and measurements
RIIVEH302D	Operate multi-combination vehicle
RIIVEH303D	Drive heavy combination vehicle
RIIVEH306D	Operate mine services vehicle
AHCNAR303A	Implement revegetation works
AHCSAW301A	Construct conservation earthworks
TLIC3004A	Drive heavy rigid vehicle
TLID2022A	Conduct weighbridge operations

Group E	
<i>Unit code</i>	<i>Unit title</i>
CPCCLDG3001A	Licence to perform dogging
CPCCLSF3001A	Licence to erect, alter and dismantle scaffolding intermediate level
TLILIC0012A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 meters or more)
TLILIC3003A	Licence to operate a bridge and gantry crane
TLILIC3008A	Licence to operate a slewing mobile crane (up to 20 tonnes)
TLILIC2016B	Licence to drive a heavy rigid vehicle
TLILIC3017B	Licence to drive a heavy combination vehicle
TLILIC3018B	Licence to drive a multi combination vehicle

## Qualification Mapping Information

No equivalent qualification

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>