

Certificate III in Surface Extraction Operations

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.

CURRENCY:

<https://training.gov.au/Training/Details/RII30115>

PRE-REQUISITES:

There are no pre-requisites required for entry into this qualification.

STUDY OPTIONS:

This course can be undertaken:

- As a customised program delivered to groups and/ or individuals on-site or in the workplace
- By Recognition of Prior Learning (RPL) <http://riiskillscentre.com.au/AQF-RP-An-Explanation.pdf>

START DATES:

Intakes for customised programs are ongoing throughout the year. Delivery can be undertaken in the workplace in consultation with your employer.

Enrolment for RPL courses can be undertaken at any time.

DELIVERY VENUE:

TBA pending client student requirements.

WORKPLACE ARRANGEMENTS:

As this qualification is largely assessed in the workplace, sequencing of assessment and any identified training required (as found during the assessment process) and further due to operating constraints of the student company, there is no formalised delivery assessment time table proposed. The opportunity to cluster elements for assessment will be adopted should the opportunity present itself at any time.

During the initial consultation phase with the client, Rii will determine whether suitable plant and equipment is available / in use by the client and that access be given to the participant to enable training / assessment to be undertaken at a pre-determined time.

COURSE DURATION:

The qualification is to be delivered over 12 months, student dependent.

MODE OF DELIVERY:

This training program is to be delivered as a combination of face to face and on the job training.

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TYPES OF ASSESSMENT:

Using suitable selected assessment tools, pending client student requirements and delivery mode.

Assessment tools may include:

- Written assessment
- Workbook
- Projects
- RPL
- Task observation
- Verbal questioning

COURSE MATERIALS:

All materials supplied by the RTO.

COURSE STRUCTURE:

To obtain this qualification, a total of 13 units must be completed.

- 4 Core Units
- 9 of the electives, of which:
 - one (1) must be chosen from Group A
 - at least two (2) must be chosen from Group B
 - no more than four (4) may be chosen from Group C
 - no more than one (1) may be chosen from Group D
 - no more than two (2) may be chosen from elsewhere 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.

Core Units		
Code	Unit name	Hours
RIIWH201D	Work safely and follow WHS policies and procedures	36
RIIENV201D	Identify and assess environmental and heritage concerns	20
RIIRIS301D	Apply risk management processes	40

Elective Units		
Group A		
Code	Unit name	Hours
RIICOM301D	Communicate information	30
RIICOM302D	Communicate workplace information	20
Group B		
Code	Unit name	Hours

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Elective Units		
RIIGOV201D	Comply with site work processes/procedures	20
RIIQUA201D	Maintain and monitor site quality standards	20
Group C		
Code	Unit name	Hours
MSAPMPER300C	Issue work permits Prerequisite unit: RIIRIS201B Conduct local risk control	20
RIIBHD301D	Conduct surface blast hole drilling operations	60
RIIBHD304D	Set up and prepare for open cut drilling operations	40
RIIBHD305D	Conduct down-hole hammer drilling	40
RIIBLA301D	Conduct surface shotfiring operations	50
RIIMCO301D	Conduct control centre operations	60
RIIMCO302D	Conduct surface miner operations	60
RIIMCO303D	Conduct auger miner operations	80
RIIMEX301D	Conduct dredging operations	40
RIIMEX302D	Assess ground conditions	20
RIIMPG301D	Control and monitor automated plant/machinery	40
RIIMPO206D	Conduct bulk water truck operations	30
RIIMPO301D	Conduct hydraulic excavator operations	40
RIIMPO302D	Conduct hydraulic shovel operations	40
RIIMPO303D	Conduct rope shovel operations	50
RIIMPO304D	Conduct wheel loader operations	40
RIIMPO305E	Conduct coal stockpile dozer operations	*
RIIMPO306D	Operate plant/machinery on live stockpiles	24
RIIMPO308E	Conduct tracked dozer operations	*
RIIMPO309E	Conduct wheeled dozer operations	*
RIIMPO310E	Conduct grader operations	*
RIIMPO312D	Conduct scraper operations	40
RIIMPO313D	Conduct face loading operations	40
RIIMPO329D	Conduct dragline operations	120
RIIMPO330D	Conduct bucket wheel operations	80
RIIMPO331D	Conduct stockpile dozer operations	40
RIIMPO336D	Conduct belly dump truck operations	40
RIIMPO337D	Conduct articulated truck operations	40
RIIMPO338D	Conduct rigid haul truck operations	40
RIINHB307D	Conduct conventional core drilling	65
RIIPEO301D	Conduct conveyor-car high wall mining operations	40
RIIPRO301D	Conduct crushing and screening plant operations	50

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Elective Units		
RIIPRO302D	Perform process control room operations	50
RIIPRO303D	Conduct sand wash plant operations	30
RIISAM202D	Isolate and access plant	30
RIISAM301E	Test operational functions of vehicles and equipment	*
RIISRM301D	Blend stockpile materials	20
RIISRM302D	Conduct stockpile reclaiming operations	40
RIISRM303D	Move and position materials to form stockpiles	24
RIISRM304D	Maintain stockpiles	20
RIIVEH201D	Operate light vehicle	30
RIIVEH305E	Operate and maintain a four wheel drive vehicle	*
RIIVEH307E	Operate heavy rigid vehicle	*
Group D		
Code	Unit name	Hours
AHCNAR303A	Implement revegetation works	80
AHCSAW301A	Construct conservation earthworks	70
BSBDIV301	Work effectively with diversity	30
BSBINN301	Promote innovation in a team environment	40
BSBPUR301	Purchase goods and services	60
CPCCLDG3001A	Licence to perform dogging	80
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 	40
HLTAID003	Provide first aid	18
MSL924001A	Process and interpret data	70
MSL943001A	Work safely with instruments that emit ionising radiation	60
MSL913002A	Plan and conduct laboratory/field work	40
MSL973001A	Perform basic tests	60
RIIBEF302D	Monitor site production activities	20
RIIBLA201D	Support shotfiring operations	30
RIIBLA205D	Store, handle and transport explosives	20
RIIBLA305D	Conduct secondary blasting	35
RIIBLA306D	Conduct accretion firing	30
RIIBLA307D	Conduct blast survey	20
RIIBLA308D	Conduct electronic blasting operations	*
RIICRC310D	Construct and maintain roads	60
RIIERR301D	Respond to mine incident	20

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Elective Units		
RIIERR302D	Respond to local emergencies and incidents	20
RIIERR308D	Extricate and transport people involved in incidents	40
RIIERR310D	Provide support for rescue operations	20
RIIHAN208D	Perform dogging	80
RIIHAN301D	Operate elevating work platforms	40
RIIHAN302D	Conduct intermediate scaffolding operations	
RIIHAN304D	Conduct slewing crane operations	40
RIIHAN305D	Operate a gantry or overhead crane	40
RIIHAN306D	Carry out lifting using multiple cranes	40
RIIHAN307D	Operate a vehicle loading crane	40
RIIHAN311E	Conduct operations with integrated tool carrier	*
RIIPEO206D	Lay and recover cables and hoses	20
RIIRIS202D	Respond to site based spills	20
RIISAM303D	Shut down dredge for operator maintenance	40
RIISAM304D	Install, commission and maintain major conveyor equipment and systems	80
RIISAM305D	Repair and splice conveyor belting	40
RIISAM306D	Service and maintain conveyors, feeders and hoppers	40
RIISAM307D	Service and maintain crushers	40
RIISAM308D	Service and maintain screens	40
RIISAM309D	Service and maintain pumps	40
RIISTD301D	Take environmental samples and measurements	120
RIIVEH302D	Operate multi-combination vehicle	40
RIIVEH303D	Drive heavy combination vehicle	40
RIIVEH306D	Operate mine services vehicle	20
RIIWHS301D	Conduct safety and health investigations	30
TLIC3004A	Drive heavy rigid vehicle	40
TLID2022A	Conduct weighbridge operations	20
TLILIC0012A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)	40
TLILIC2005A	Licence to operate a boom-type elevating work platform (boom length 11 metres or more)	30
TLILIC2016B	Licence to drive a heavy rigid vehicle	50
TLILIC3003A	Licence to operate a bridge and gantry crane	70
TLILIC3008A	Licence to operate a slewing mobile crane (up to 20 tonnes)	70
TLILIC3017B	Licence to drive a heavy combination vehicle	60
TLILIC3018B	Licence to drive a multi combination vehicle	60

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* NCVET Nationally Agreed Nominal Hours have yet to be determined

CAREER & PATHWAYS:

Career opportunities include ?????.

After achieving the RII30115 Certificate III in Surface Extraction Operations, candidates may undertake the RII40115 Certificate IV in Surface Extraction Operations.

FUNDING:

Not available for this course.

STUDENT SUPPORT:

Refer Rii's Student Handbook located on our website <http://www.riiskillscentre.com.au>

DELIVERY BY THIRD PARTY:

This course is delivered in Tasmania on behalf of Rii Skills Centre by:

Tasmanian Safety & Training Services

t: 0499 526 627

e: training@tsts.net.au

ACCREDITATION:

Qualifications granted by Rii Skills Centre have been endorsed by the Australian Skills Quality Authority (ASQA).

Rii Skills Centre is a registered training organisation (RTO) listed on the website.

www.training.gov.au

Our national provider number is 32326.

We hold registration to deliver this qualification which is nationally recognised and comes from the nationally endorsed *Rii Resources and Infrastructure Training Package*.

A Certificate III recognised within the Australian Qualification Framework (AQF) will be issued if the full qualification is completed, a Statement of Attainment for individual units successfully completed when the whole qualification is not completed.

To find out more, contact the Rii team at enquiries@riiskillscentre.com.au

