

## Certificate IV in Surface Extraction Operations

### DESCRIPTION:

This qualification reflects the role of employees such as a supervisor or team leader working in an open cut mine or quarry. They perform tasks involving a broad range of varied activities most of which are complex and non-routine. They are responsible for the quantity and quality of the output of others, contribute to the development of technical solutions to non-routine problems and apply safety management plans to the workplace.

### CURRENCY:

<https://training.gov.au/Training/Details/RII40115>

### 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 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:

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

### 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
BSBSUS401	Implement and monitor environmentally sustainable work practices	40
RIICOM301D	Communicate information	30
RIIGOV401D	Apply, monitor and report on compliance systems	80
RIIRIS401D	Apply site risk management system	40

Elective Units		
Group A		
Code	Unit name	Hours

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Elective Units		
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements	50
RIIWHS402D	Examine and maintain mine safety	50
<b>Group B</b>		
Code	Unit name	Hours
RIIBLA401D	Manage blasting operations	40
RIIBHD401D	Supervise blast hole drilling operations	40
RIICAR401D	Supervise rehabilitation operations	40
RIIERR302D	Respond to local emergencies and incidents	20
RIIERR401D	Apply and monitor surface operations emergency preparedness and response systems	60
RIIMEX401D	Apply pit plan	190
RIIMEX402D	Supervise dredging operations	40
RIIMEX404D	Apply and monitor systems for stable mining	80
RIIMEX405D	Apply and monitor systems and methods of surface coal mining	80
RIIMPO401D	Supervise mobile plant operations	40
RIIMPO403D	Monitor the interaction of heavy and light vehicles and mining equipment	60
RIIPRO401D	Supervise processing operations	60
RIIPRO402D	Supervise recycled materials operations	40
RIIRAI401D	Apply and monitor mine services and infrastructure systems	60
RIIRAI402D	Apply and monitor site plant and resource management plan	60
RIISRM401D	Apply and monitor the site stockpile management plan	60
RIIWBP401D	Apply and monitor site waste and by-products management plan	60
RIIWMG401D	Apply and monitor the site water management plan	60
<b>Group C</b>		
Code	Unit name	Hours
BSBCUS401	Coordinate implementation of customer service strategies	40
BSBFIA402	Report on financial activity	30
BSBINM401	Implement workplace information system	40
BSBLED401	Develop teams and individuals	40
BSBMGT401	Show leadership in the workplace	50
BSBMGT402	Implement operational plan	40
BSBSMB402	Plan small business finances	50
BSBSMB403	Market the small business	50
BSBSMB404	Undertake small business planning	50
BSBWOR404	Develop work priorities	40

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Elective Units		
ICTICT308	Use advanced features of computer applications	40
RIIBLA301D	Conduct surface shotfiring operations	50
RIIBLA308D	Conduct electronic blasting operations	*
RIIBLA402D	Monitor and control the effects of blasting on the environment	40
RIICCR401D	Develop and maintain positive community relations	30
RIIENV401D	Supervise dust and noise control	40
RIIERR201D	Conduct fire team operations	40
RIIERR301D	Respond to mine incident	20
RIIERR310D	Provide support for rescue operations	20
RIIERR403D	Lead rescue team	40
RIILAT402D	Provide supervision in the leadership of diverse work teams	*
RIIQUA401D	Apply quality management system on site	60
RIIRIS301D	Apply risk management processes	40
RIIRIS403D	Managing and coordinating spill responses	50
RIISAM401D	Apply site plant, equipment and infrastructure maintenance management plan	40
RIISAM402D	Supervise operation of electrical equipment and installations	40
RIISAM403D	Commission/recommission plant	66
RIIWHS301D	Conduct safety and health investigations	30
RIIWHS401D	Supervise work in confined spaces	60
TAEASS301B	Contribute to assessment	10
TAEASS401B	Plan assessment activities and processes	20
TAEASS402B	Assess competence	15
TAEASS403B	Participate in assessment validation	20
TAEDEL301A	Provide work skill instruction	40
Group D		
Code	Unit name	Hours
HLTAID003	Provide first aid	18
RIIERR205D	Apply initial response First Aid	20

\* NCVET Nationally Agreed Nominal Hours have yet to be determined

### CAREER & PATHWAYS:

Career opportunities include a supervisor or team leader working in an open cut mine or quarry. After achieving the RII40115 Certificate IV in Surface Extraction Operations, candidates may undertake the RII50115 Diploma of Surface Operations Management.

### FUNDING:

## Certificate IV in Surface Extraction Operations

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](mailto: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](http://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 Industry Training Package*.

A Certificate IV is 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](mailto:enquiries@riiskillscentre.com.au)

