

## Certificate III in Drilling Operations

### DESCRIPTION:

This qualification reflects the role of employees such as drillers who perform tasks involving a broad range of skilled applications applied in a wide variety of contexts, which may involve application of some discretion and judgement in selecting equipment, services or contingency measures

### CURRENCY:

<https://training.gov.au/Training/Details/RII31815>

### 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 anytime.

### 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.

### TYPES OF ASSESSMENT:

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

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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.

- 8 Core Units
- 5 of the electives, of which:
  - no more than two (2) must be chosen from Group A, including at least one (1) 'Conduct' unit
  - no more than two (2) units may be chosen from Group B
  - no more than two (2) units 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
BSBWHS301	Maintain workplace safety	40
MSAPMSUP172A	Identify and minimise environmental hazards	20
RIIBEF301D	Run on-site operations	40
RIICOM201D	Communicate in the workplace	20
RIINHB301D	Set up and prepare for drilling operations	65
RIIRIS301D	Apply risk management processes	40
RIISAM209D	Carry out operational maintenance	40
TAEDEL301A	Provide work skill instruction	40

Elective Units		
Group A		
Code	Unit name	Hours
RIIBHD305D	Conduct down-hole hammer drilling	40
RIINHB302D	Conduct reaming	65
RIINHB303D	Install product pipe	40

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Elective Units		
RIINHB304D	Conduct air drilling	65
RIINHB305E	Conduct continuous flight auger drilling	*
RIINHB306E	Conduct large diameter auger drilling	*
RIINHB307D	Conduct conventional core drilling	65
RIINHB308D	Conduct wireline core drilling	65
RIINHB309E	Conduct guided boring	*
RIINHB310D	Conduct surface directional drilling	65
RIINHB311D	Conduct mud rotary drilling	65
RIINHB312D	Conduct raise boring	65
RIINHB313D	Conduct cable tool drilling	65
RIINHB315D	Conduct top-hole hammer drilling	65
RIINHB316D	Conduct underground in-seam directional drilling	40
RIINHB317D	Install underground in-seam directional drilling standpipes	40
RIINHB318D	Install and operate water and gas control equipment	40
RIINHB319D	Install de-watering conduit and gas drainage equipment	40
RIINHB320D	Construct monitoring bores	65
RIINHB322D	Construct multiple aquifer production bores	65
RIINHB323D	Conduct horizontal directional drilling	65
RIINHB324D	Carry out grouting or cementing operations	40
RIINHB325D	Construct and complete single aquifer production bores	70
Group B		
Code	Unit name	Hours
BSBDIV301	Work effectively with diversity	30
HLTAID003	Provide first aid	18
HLTAID006	Provide advanced first aid	30
PMASUP236B	Operate vehicles in the field	20
RIIBHD301D	Conduct surface blast hole drilling operations	60
RIIBHD304D	Set up and prepare for open-cut drilling operations	40
RIIBLA201D	Support shotfiring operations	30
RIIBLA202E	Support underground shotfiring operations	*
RIIBLA205D	Store, handle and transport explosives	20
RIIBLA301D	Conduct surface shotfiring operations	50
RIIBLA303D	Conduct underground development shotfiring	50
RIIBLA304D	Conduct underground production shotfiring	50
RIICTT303D	Control micro tunnelling and pipe-jacking	80
RIIERR301D	Respond to mine incident	20
RIIERR302D	Respond to local emergencies and incidents	20

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Elective Units		
RIINH205E	Assist continuous flight auger drilling	*
RIINH206E	Assist large diameter auger drilling	*
RIINH208D	Assist diamond core drilling	40
RIINH209D	Assist guided boring	40
RIINH210D	Assist surface directional drilling	40
RIINH211D	Assist mud rotary drilling	40
RIINH213D	Assist cable tool drilling	45
RIINH219D	Assist with air drilling	40
RIIOGD304D	Apply effective coal seam gas control practices	40
RIIOGD305D	Apply blow out prevention operational procedures	40
RIIOGD405D	Carry out well control and blow out prevention	65
RIIQUA201D	Maintain and monitor site quality standards	20
RIIVEH305E	Operate and maintain a four wheel drive vehicle	*

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

### CAREER & PATHWAYS:

Career opportunities include a Driller.

After achieving the RII31815 Certificate III in Drilling Operations, candidates may undertake the RII40915 Certificate IV in Drilling 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](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.

## Certificate III in Drilling Operations

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](mailto:enquiries@riiskillscentre.com.au)

