



**Australian Government**

# **RII31815 Certificate III in Drilling Operations**

**Release 2**

## RII31815 Certificate III in Drilling Operations

### Modification History

Release	Comments
1	This qualification replaces RII31813 Certificate III in Drilling Operations. Packaging rules changed to clarify intent. BSBDIV301 Work effectively with diversity and RIICTT303D Control micro tunnelling and pipe-jacking added to elective Group B. Updated codes of imported units.
2	This version was released with RII Resources and Infrastructure Training Package version 3.0.

### Qualification 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.

No licensing, legislative, regulatory and certification requirements apply to this qualification at the time of publication.

### Entry Requirements

There are no entry requirements for this qualification.

### 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

**8 core units** plus

**5 elective units**, 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.

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.

<b>Core units of competency</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBWHS301	Maintain workplace safety
MSAPMSUP172 A	Identify and minimise environmental hazards
RIIBEF301D	Run on-site operations
RIICOM201D	Communicate in the workplace
RIINHB301D	Set up and prepare for drilling operations
RIIRIS301D	Apply risk management processes
RIISAM209D	Carry out operational maintenance
TAEDEL301A	Provide work skill instruction
<b>Electives</b>	
<b>Group A</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIBHD305D	Conduct down-hole hammer drilling
RIINHB302D	Conduct reaming
RIINHB303D	Install product pipe
RIINHB304D	Conduct air drilling
RIINHB305E	Conduct continuous flight auger drilling
RIINHB306E	Conduct large diameter auger drilling
RIINHB307D	Conduct conventional core drilling
RIINHB308D	Conduct wireline core drilling
RIINHB309E	Conduct guided boring
RIINHB310D	Conduct surface directional drilling
RIINHB311D	Conduct mud rotary drilling
RIINHB312D	Conduct raise boring
RIINHB313D	Conduct cable tool drilling
RIINHB315D	Conduct top-hole hammer drilling
RIINHB316D	Conduct underground in-seam directional drilling

RIINHB317D	Install underground in-seam directional drilling standpipes
RIINHB318D	Install and operate water and gas control equipment
RIINHB319D	Install de-watering conduit and gas drainage equipment
RIINHB320D	Construct monitoring bores
RIINHB322D	Construct multiple aquifer production bores
RIINHB323D	Conduct horizontal directional drilling
RIINHB324D	Carry out grouting or cementing operations
RIINHB325D	Construct and complete single aquifer production bores
<b>Group B</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBDIV301	Work effectively with diversity
HLTAID003	Provide first aid
HLTAID006	Provide advanced first aid
PMASUP236	Operate vehicles in the field
RIIBHD301D	Conduct surface blast hole drilling operations
RIIBHD304D	Set up and prepare for open-cut drilling operations
RIIBLA201D	Support shotfiring operations
RIIBLA202F	Support underground shotfiring operations
RIIBLA205D	Store, handle and transport explosives
RIIBLA301D	Conduct surface shotfiring operations
RIIBLA303D	Conduct underground development shotfiring
RIIBLA304D	Conduct underground production shotfiring
RIICTT303D	Control micro tunnelling and pipe-jacking
RIIERR301D	Respond to mine incident
RIIERR302E	Respond to local emergencies and incidents
RIINHB205E	Assist continuous flight auger drilling
RIINHB206E	Assist large diameter auger drilling
RIINHB208D	Assist diamond core drilling
RIINHB209D	Assist guided boring
RIINHB210D	Assist surface directional drilling
RIINHB211D	Assist mud rotary drilling
RIINHB213D	Assist cable tool drilling

RIINHB219D	Assist with air drilling
RIIOGD304D	Apply effective coal seam gas control practices
RIIOGD305D	Apply blow out prevention operational procedures
RIIOGD405D	Carry out well control and blow out prevention
RIIQUA201D	Maintain and monitor site quality standards
RIIVEH305E	Operate and maintain a four wheel drive vehicle

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RII31815 Certificate III in Drilling Operations	RII31813 Certificate III in Drilling Operations	Packaging rules changed to clarify intent; added two elective units	Equivalent qualification.

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>