



Australian Government

RII31820 Certificate III in Drilling Operations

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Modification History

Release	Comments
4	Superseded elective units updated
3	<p>This version was released with RII Resources and infrastructure Training Package version 8.0.</p> <ul style="list-style-type: none"> • HLTAID003 Provide first aid updated to HLTAID011 Provide First Aid • HLTAID006 Provided advanced first aid updated to HLTAI014 Provide Advanced First Aid <p>as directed by the Department of Education, Skills and Employment.</p> <p>Correction to minor mapping error.</p>
2	<p>This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0.</p> <p>The following elective units of competency have been deleted as directed by the AISC:</p> <ul style="list-style-type: none"> • RIINHB313D Conduct cable tool drilling • RIINHB319D Install de-watering conduit and gas drainage equipment. <p>The above training products were identified as having zero enrolments over a three year period.</p>
1	This qualification was first released in RII Resources and Infrastructure Industry Training Package Release 5.0.

Qualification Description

This qualification reflects the role of individuals 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 and/or contingency measures.

Licensing/Regulatory Information

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

Entry Requirements

Nil

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:
 - at least one (1) must be chosen from Group A whose unit title begins with 'Conduct'
 - at least one (1) unit 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.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
BSBWHS301	Maintain workplace safety
MSMENV172	Identify and minimise environmental hazards
RIIBEF301D	Run on-site operations
RIICOM301E	Communicate information
RIIERR302E	Respond to local emergencies and incidents
RIINHB301E	Set up and prepare for drilling operations

RIIRIS301E	Apply risk management processes
RIISAM209E	Carry out operational maintenance
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIIBHD301E	Conduct surface blast hole drilling operations
RIICCM302	Track directional boring operations
RIINHB302D	Conduct reaming
RIINHB303D	Install product pipe
RIINHB304E	Conduct reverse circulation drilling operations
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
RIINHB311E	Conduct mud rotary drilling operations
RIINHB312D	Conduct raise boring
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
RIINHB320D	Construct monitoring bores
RIINHB322E	Construct multiple aquifer production bores
RIINHB323D	Conduct horizontal directional drilling

RIINHB324E	Conduct grouting or cementing operations
RIINHB325E	Construct single aquifer bores
RIINHB326	Conduct coil tube drilling
RIINHB327	Conduct cyber chair drilling operations
RIINHB328	Conduct rotary air drilling
RIINHB329	Conduct sonic drilling operations
RIINHB330	Conduct down-hole hammer drilling
RIISTD202E	Collect routine site samples
Group B	
<i>Unit code</i>	<i>Unit title</i>
HLTAID011	Provide First Aid
HLTAID014	Provide Advanced First Aid
RIIBLA201E	Support shotfiring operations
RIIBLA202F	Support underground shotfiring operations
RIIBLA205E	Store, handle and transport explosives
RIIBLA301E	Conduct surface shotfiring operations
RIIBLA303E	Conduct underground development shotfiring
RIIBLA304E	Conduct underground production shotfiring
RIICTT303E	Control micro tunnelling and pipe-jacking operations
RIIERR301E	Respond to work site incidents
RIIHAN309F	Conduct telescopic materials handler operations
RIIMPO304E	Conduct wheel loader operations
RIIOGD304D	Apply effective coal seam gas control practices
RIIOGD305E	Apply blow out prevention operational procedures
RIIOGD405E	Carry out well control and blow out prevention operations

RIIWHS202E	Enter and work in confined spaces
RIIWHS204E	Work safely at heights
RIIVEH305F	Operate and maintain a four wheel drive vehicle
TAEDEL311	Provide work skill instruction

Pre-requisite Requirements

There are no prerequisites requirements for this qualification.

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
RII31820 Certificate III in Drilling Operations	RII31815 Certificate III in Drilling Operations	Supersedes and is equivalent to RII31815 - Certificate III in Drilling Operations	Equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>.