Australian Government

RII2092X Certificate II in Drilling Operations

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Release: 1

RII2092X Certificate II in Drilling Operations

Modification History

Release	Comments
1	This qualification was first released in RII Resources and Infrastructure Industry Training Package Release 13.0.

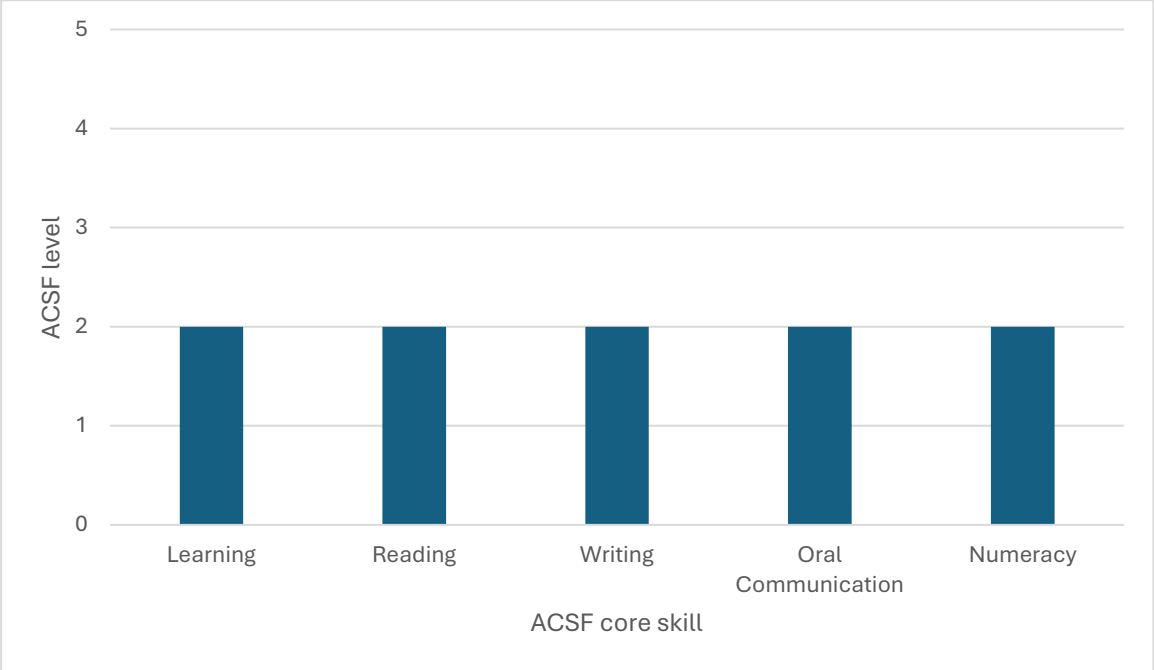
Qualification Description

This qualification offers entry-level training for individuals working as offsiders or assistant drillers who undertake a prescribed range of drilling support functions under supervision. It applies to those working across mineral exploration, water well or geotechnical drilling contexts. On completion, a learner will be able to apply known routines and procedures to prepare and pack up a drill site, carry out pre-start and safety checks, communicate within a drilling crew, and handle samples, with some accountability for the quality of their own work.

Licensing/Regulatory Information

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

Foundation Skills Outcomes



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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 = 12

- **8 core units** plus
- **4 elective units,** of which:
    - at least one (1) must be chosen from Group A
    - no more than three (3) may be chosen from Group B
    - no more than one (1) may be chosen from within this training package, or from another endorsed training package, or from an accredited course.

Elective units must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment and contribute to a valid vocational outcome.

There are both licensed and non-licensed units of competency relating to high-risk work in the Resources and Infrastructure Industry Training Package. To be appointed under any statutory requirements in related roles, units of competency should be selected to meet the state/territory licensing requirements.

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	
Unit code	***Unit title***
RIICOM201E	Communicate in the workplace
RIIENV201E	Identify and assess environmental and heritage concerns
RIIHAN213X	Work effectively in the drilling industry
RIINHB201X	Load, secure and unload drilling equipment and materials
RIINHB202X	Set up and pack up drill sites
RIINHB203X	Support drilling processes
RIIRIS201E	Conduct local risk control
RIIWHS201E	Work safely and follow WHS policies and procedures

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Electives	
Group A	
Unit code	***Unit title***
RIINHB205F	Assist continuous flight auger drilling
RIINHB206E	Assist large diameter auger drilling
RIINHB208X	Assist conventional core drilling
RIINHB2XX	Assist wireline drilling
RIINHB210X	Assist surface directional drilling
RIINHB211E	Assist mud rotary drilling
RIINHB217E	Assist horizontal direction drilling
RIINHB219X	Assist with reverse circulation drilling
RIINHB220	Assist coil tube drilling
RIINHB221X	Assist rotary air drilling
RIINHB222	Assist sonic drilling operations
Group B	
Unit code	***Unit title***
BSBTWK301	Use inclusive work practices
CPCCLDG3001	Licence to perform dogging
RIIBLA201E	Support shotfiring operations
RIIBLA202F	Support underground shotfiring operations
RIIBLA205E	Store, handle and transport explosives
RIICCM210	Install trench support
RIICRC203E	Install sub-soil drainage
RIIERR202E	Contribute to the control of emergencies and critical situations
RIIHAN203E	Conduct lifting operations

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RIIHAN206E	Transport plant, equipment and personnel
RIIHAN208E	Perform dogging
RIIHAN307E	Operate a vehicle loading crane
RIIHAN309F	Conduct telescopic materials handler operations
RIIHAN311F	Conduct operations with integrated tool carrier
RIIMPO206D	Conduct bulk water truck operations
RIIMPO304E	Conduct wheel loader operations
RIINHB218E	Assist grouting and cementing operations
RIIQUA201E	Maintain and monitor site quality standards
RIIRIS202E	Respond to site based spills
RIISAM202E	Isolate and access plant
RIISAM215E	Carry out drilling industry operational maintenance
RIISTD202E	Collect routine site samples
RIIUND206D	Install hand held underground ground support
RIIUND207E	Conduct underground lifting operations
RIIVEH201E	Operate a light vehicle
RIIVEH203E	Operate a light vehicle underground
RIIVEH305F	Operate and maintain a four wheel drive vehicle
RIIWHS204	Work safely at heights
TLILIC0003	Licence to operate a forklift truck
HLTAID011	Provide First Aid

Pre-requisite Requirements

There are no pre-requisites associated with units packaged in this qualification.

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Mandatory Workplace Requirements

There are no mandatory workplace requirements associated with units packaged in this qualification.

Qualification Mapping Information

Previous Code and Title	Equivalence	Comments
RII20920 Certificate II in Drilling Operations	Equivalent	Updates to Core and Elective units. Superseded units updated.

Links

Companion volumes, including implementation guides, are found on the national training register - https://training.gov.au/training/details/RII.

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