



Australian Government

Department of Education, Employment and Workplace Relations

RII20909 Certificate II in Drilling Operations

Release: 1

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Modification History

Not applicable.

Description

This qualification reflects the role of employees such as drillers' assistants who undertake a prescribed range of functions involving known routines and procedures and who take some responsibility for the quality of work outcomes.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

The following table includes a summary of the employability skills as identified by the resources and infrastructure industry for this qualification. The table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes required here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • speak clearly and directly • listen carefully to instructions and information • read and interpret work instructions and safety signs • calculate basic weights, distances and volumes • complete incident and maintenance reports • adjust communication style to meet the needs of people with diverse backgrounds
Teamwork	<ul style="list-style-type: none"> • apply teamwork in a range of situations, particularly in a safety context • contribute to the planning and execution of operations • work cooperatively with people of different ages, gender, race, religion or political persuasion and people with disability • recognise and respond sensitively to people from culturally and linguistically diverse backgrounds
Problem-solving	<ul style="list-style-type: none"> • adjust work methods in response to changing weather and site conditions • participate in team solutions to safety issues
Initiative and enterprise	<ul style="list-style-type: none"> • independently adapt to changing work conditions or different work areas • identify potential improvements to working practice and conditions • identify and assess risks in the workplace
Planning and organising	<ul style="list-style-type: none"> • manage time and priorities to complete work • identify and obtain appropriate equipment and permits • identify potential hazards and prepare appropriate responses • follow procedures and techniques relevant to the equipment and work being done
Self-management	<ul style="list-style-type: none"> • take responsibility for planning and organising own work priorities and completing assigned tasks • monitor own performance to ensure work will be completed well and on time • understand the standard of work expected at a work site
Learning	<ul style="list-style-type: none"> • be willing to learn new ways of working • seek information to improve performance from people and

	<p>workplace documents like policies, procedures etc</p> <ul style="list-style-type: none">• understand equipment characteristics, technical capabilities, limitations and procedures
Technology	<ul style="list-style-type: none">• use technology to monitor and report on work progress• use communications technology appropriate to the workplace (email, mobile, radio, etc)• operate equipment safely

Packaging Rules

Requirements for completion of the qualification

The following table provides the packaging rules for this qualification, followed by the list of relevant units of competency.

Successful completion of twelve (12) units of competency made up of:

- eight (8) mandatory units, and
- four (4) elective units of which:
 - at least one (1) must come from the specified electives listed below
 - up to three (3) may come from the general electives listed below
 - up to one (1) unit may come from Certificate II or Certificate III level from this, or any other Training Package

Units chosen must be relevant to the job function.

Care must be taken to ensure that all prerequisites specified within imported units, or units chosen as electives, are complied with.

Mandatory units of competency	
<i>Unit code</i>	<i>Unit title</i>
BSBWOR203A	Work effectively with others
RIICOM201A	Communicate in the workplace
RIIENV201A	Identify and assess environmental and heritage concerns
RIINHB201B	Load, secure and unload drilling equipment and materials
RIINHB202A	Set up/pack up drill site
RIINHB203A	Support drilling process
RIIOHS201A	Work safely and follow OHS policies and procedures
RIIRIS201B	Conduct local risk control
Specified electives	
<i>Unit code</i>	<i>Unit title</i>
RIINHB205A	Assist continuous flight auger drilling
RIINHB206A	Assist large diameter auger drilling
RIINHB208B	Assist diamond core drilling

RIINHB209A	Assist guided boring
RIINHB210A	Assist surface directional drilling
RIINHB211A	Assist mud rotary boring
RIINHB213A	Assist cable tool drilling
RIINHB216A	Assist underground in-seam directional drilling
RIINHB218A	Assist grouting or cementing operations
RIINHB219A	Assist with air drilling
General electives	
<i>Unit code</i>	<i>Unit title</i>
HLTFA301B	Apply first aid
RIIERR202A	Contribute to the control of emergencies and critical situations
RIIHAN201A	Operate a forklift
RIIHAN206A	Transport plant, equipment and personnel
RIIHAN307A	Operate a vehicle loading crane
RIIHAN208A	Perform dogging
RIIHAN213A	Work effectively in the drilling industry
RIIOHS204A	Work safely at heights
RIIQUA201A	Maintain and monitor site quality standards
RIISAM202A	Isolate and access plant
RIISAM205A	Cut, weld and bend materials
RIISAM206A	Operate equipment service vehicle underground
RIISTD202A	Collect routine site samples
RIIUND206A	Install hand held underground ground support
RIIVEH201B	Operate light vehicle
RIIVEH305A	Operate and maintain a four wheel drive vehicle

