



**Australian Government**

# **RII40915 Certificate IV in Drilling Operations**

**Release 1**

## RII40915 Certificate IV in Drilling Operations

### Modification History

Release	Comments
1	This qualification replaces RII40913 Certificate IV in Drilling Operations. Packaging rules amended to clarify intent. Core unit requirement changed from 7 to 6 units; elective unit requirement changed from 4 to 5 units. BSBMGT402 Implement operational plan moved from core to Group B electives. RIIBHD401D Supervise blast hole drilling and RIIRIS402D Carry out the risk management process added to Group B. RIICOM301D Communicate information and RIILAT402D Provide supervision in the leadership of diverse work teams added to elective Group B. Imported unit codes updated.

### Qualification Description

This qualification reflects the role of employees such as senior drillers. They perform tasks involving a broad range of varied activities most of which are complex and non-routine. They are responsible for the quantity and quality of the output of others and contribute to the development of technical solutions to non-routine problems.

Licensing, legislative, regulatory and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the qualification.

### 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 = 11**

**6 core units** plus

**5 elective units**, of which:

- at least two (2) 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 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 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 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>
BSBMGT401	Show leadership in the workplace
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
RIIBEF402D	Supervise on-site operations
RIIENV402D	Implement and monitor environmental policies
RIINHB401D	Plan and supervise mobilization of equipment, crew and materials
RIIRIS401D	Apply site risk management system
<b>Electives</b>	
<b>Group A</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIBEF401D	Manage non-routine, complex technical situations
RIIBHD401D	Supervise blast hole drilling
RIINHB402D	Supervise mineral exploration drilling operations
RIINHB403D	Supervise geotechnical drilling operations
RIINHB404D	Supervise seismic drilling operations
RIINHB405E	Supervise water well drilling operations

RIINHB406D	Supervise foundation drilling operations
RIINHB407D	Supervise horizontal directional drilling operations
RIINHB408D	Supervise environmental drilling operations
RIINHB409D	Supervise mineral production and development drilling operations
RIINHB410D	Supervise surface directional drilling operations
RIINHB411D	Construct artesian (flowing) aquifer production bores
RIINHB412D	Construct geothermal wells
RIINHB413D	Supervise underground in-seam directional drilling operations
<b>Group B</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBCUS401	Coordinate implementation of customer service strategies
BSBFIM501	Manage budgets and financial plans
BSBLED401	Develop teams and individuals
BSBMGT402	Implement operational plan
BSBRKG403	Set up a business or records system for a small office
BSBSMB402	Plan small business finances
BSBSMB403	Market the small business
BSBSMB404	Undertake small business planning
BSBSMB405	Monitor and manage small business operations
HLTAID003	Provide first aid
HLTAID006	Provide advanced first aid
RIICOM301D	Communicate information
RIIERR401D	Apply and monitor surface operations emergency preparedness and response systems
RIIFIA401D	Manage financial records
RIILAT402D	Provide supervision in the leadership of diverse work teams
RIIOGD405D	Carry out well control and blow out prevention
RIIQUA401D	Apply a quality management system on site
RIIRIS402D	Carry out the risk management process
RIISAM401D	Apply site plant, equipment and infrastructure maintenance plan
TAEASS401B	Plan assessment activities and processes
TAEASS402B	Assess competence
TAEASS403B	Participate in assessment validation

## Qualification Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
RII40915 Certificate IV in Drilling Operations	RII40913 Certificate IV in Drilling Operations	Packaging rules changed to clarify intent; number of core and elective units changed; core unit moved to electives and four elective units added	No equivalent qualification

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>