



**Australian Government**

# **RII20415 Certificate II in Underground Metalliferous Mining**

**Release 4**

## RII20415 Certificate II in Underground Metalliferous Mining

### Modification History

Release	Comments
1	This qualification replaces RII20413 Certificate II in Underground Metalliferous Mining. Packaging rules wording changed to clarify intent. Elective Groups B and C combined. Added BSBDIV301 Work effectively with diversity to Group B electives. Updated codes on imported units. Added qualification mapping information.
2	This version was released with RII Resources and Infrastructure Training Package version 3.0.
3	Editorial corrections.
4	Minor change to add the following units of competency to the elective list: RIIBEF202E Identify and rectify site operating problems RIIENV202E Suppress airborne contaminants RIIHAN203E Conduct lifting operations RIIPEO201E Conduct conveyor operations RIIUND202E Operate from elevated work platform underground RIIVEH306E Operate mine service vehicle

### Qualification Description

This qualification reflects the role of individuals, such as an operator working in an underground metalliferous mine, who perform a range of mainly routine tasks using limited practical skills and fundamental operational knowledge in a defined context, working under direct supervision.

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 = 10

**5 core units** plus

**5 elective units**, of which:

- at least three (3) must be chosen from Group A
- no more than two (2) may be chosen from Group B
- no more than one (1) unit 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>
BSBSUS201	Participate in environmentally sustainable work practices
RIICOM201D	Communicate in the workplace
RIIQUA201D	Maintain and monitor site quality standards
RIIRIS201D	Conduct local risk control
RIIWHS201D	Work safely and follow WHS policies and procedures
<b>Electives</b>	
<b>Group A</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBWOR203	Work effectively with others
RIIBEF202E	Identify and rectify site operating problems
RIIBLA201D	Support shotfiring operations
RIIBLA205D	Store, handle and transport explosives
RIIMPO201E	Operate roller/compactor underground
RIIMPO210E	Conduct underground truck operations
RIIMPO333E	Conduct underground load, haul and dump truck operations
RIIPEO201E	Conduct conveyor operations
RIIVEH203D	Operate light vehicle underground

RIISAM205D	Cut, weld and bend materials
RIISRM302D	Conduct stockpile reclaiming operations
RIIUMM201D	Install ground support
RIIUMM202D	Install and maintain vent
RIIUMM203D	Prepare and perform manual scaling operations
RIIUMM301D	Conduct wet filling activities
RIIUMM305D	Install and remove a secondary fan
RIIUND201D	Install, maintain and recover reticulation systems
RIIUND202E	Operate from elevated work platform underground
RIIUND310D	Apply shot-crete underground
RIIUND204D	Refuel vehicles/machines underground
RIIUND208D	Conduct skip operations
RIIUND209D	Operate automated winder
RIIUND302D	Conduct cage operations
RIIVEH203D	Operate light vehicle underground
RIIWMG202D	Conduct dewatering operations in underground mining operations
<b>Group B</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBDIV301	Work effectively with diversity
CPCCLDG3001A	Licence to perform dogging
CPCCLRG3001A	Licence to perform rigging basic level • Prerequisite unit: CPCCLDG3001A Licence to perform dogging
CPCCLRG3002A	Licence to perform rigging intermediate level • Prerequisite unit: CPCCLRG3001A Licence to perform rigging basic level
HLTAID003	Provide first aid
RIIBEF201D	Plan and organise work
RIIBLA202F	Support underground shotfiring operations
RIIBLA203E	Conduct mobile mixing of explosives
RIIERR203D	Escape from a hazardous situation unaided
RIIERR205D	Apply initial response first aid
RIIENV202E	Suppress airborne contaminants
RIIHAN201E	Operate a forklift

RIIHAN203E	Conduct lifting operations
RIIHAN206E	Transport plant, equipment and personnel
RIIHAN207D	Operate personnel and materials hoists
RIIHAN208D	Perform dogging
RIIHAN209E	Perform basic rigging
RIIHAN210D	Perform intermediate rigging operations
RIIHAN212E	Conduct non-slewing crane operations
RIIHAN305D	Operate a gantry or overhead crane
RIIMPO334E	Conduct skid steer loader operations using attachments
RIIMPO335E	Conduct skid steer loader operations without attachments
RIIRIS202D	Respond to site based spills
RIISAM202D	Isolate and access plant
RIISAM207D	Apply operational maintenance skills
RIISAM212D	Service mine plant and equipment
RIISAM301E	Test operational functions of vehicles and equipment
RIIVEH306E	Operate mine service vehicle
RIIWHS202D	Enter and work in confined spaces
RIIWHS204D	Work safely at heights
TLILIC0003	Licence to operate a forklift truck
TLILIC0006	Licence to operate a bridge and gantry train
TLILIC0008	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RII20415 Certificate II in Underground Metalliferous Mining	RII20413 Certificate II in Underground Metalliferous Mining	Packaging rules changed to clarify intent; elective Groups B and C combined; added elective unit	Equivalent qualification

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>