



Australian Government

RII20420 Certificate II in Underground Metalliferous Mining

RII20420 Certificate II in Underground Metalliferous Mining

Modification History

Release	Comments
2	Superseded elective units updated
1	This qualification was first released in RII Resources and Infrastructure Industry Training Package Release 7.0.

Qualification Description

This qualification reflects the role of individuals such as entry-level operators, working in underground metalliferous mines, 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/Regulatory Information

Licensing, legislative and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the qualification.

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 = 10

- **5 core units** plus
- **5 elective units**, of which:
 - at least 3 must be from Group A
 - no more than 2 may be from Group B
 - no more than 1 may be from elsewhere in this or any other currently 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, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid industry-supported vocational outcome.

The elective bank contains both licensed and non-licensed units of competency relating to high risk work in the resources and infrastructure industry. 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	
<i>Unit code</i>	<i>Unit title</i>
BSBSUS211	Participate in sustainable work practices
RIICOM201E	Communicate in the workplace
RIIQUA201E	Maintain and monitor site quality standards
RIIRIS201E	Conduct local risk control
RIIWHS201E	Work safely and follow WHS policies and procedures
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
RIIBLA201E	Support shotfiring operations
RIIBLA205E	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
RIISAM205E	Cut, weld and bend materials
RIISAM212E	Service mine plant and equipment
RIISRM302E	Conduct stockpile reclaiming operations

RIIUMM201D	Install ground support
RIIUMM202D	Install and maintain vent
RIIUMM203D	Prepare and perform manual scaling operations
RIIUND201D	Install, maintain and recover reticulation systems
RIIUND202E	Operate from elevated work platform underground
RIIUND204D	Refuel vehicles/machines underground
RIIUND208E	Conduct skip operations
RIIUND209E	Operate automated winder
RIIUND302E	Conduct cage operations
RIIUND310E	Apply shotcrete underground
RIIVEH203E	Operate a light vehicle underground
RIIWHS204E	Work safely at heights
RIIWMG202D	Conduct dewatering operations in underground mining operations
Group B	
<i>Unit code</i>	<i>Unit title</i>
BSBTWK301	Use inclusive work practices
BSBPEF201	Support personal wellbeing in the workplace
HLTAID011	Provide First Aid
RIIBEF201E	Plan and organise work
RIIBEF202E	Identify and rectify site operating problems
RIIBLA202F	Support underground shotfiring operations
RIIBLA203E	Conduct mobile mixing of explosives
RIIERR203E	Escape from hazardous situations unaided
RIIERR205D	Apply initial response First Aid
RIIHAN201E	Operate a forklift

RIIHAN203E	Conduct lifting operations
RIIHAN206E	Transport plant, equipment and personnel
RIIHAN208E	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
RIIRIS202E	Respond to site based spills
RIISAM202E	Isolate and access plant
RIISAM207E	Apply operational maintenance skills
RIISAM301F	Test operational functions of vehicles and equipment
RIIVEH306E	Operate a mine service vehicle
RIIWHS202E	Enter and work in confined spaces
TLILIC0003	Licence to operate a forklift truck

Pre-requisite Requirements

There are no prerequisites requirements for this qualification.

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
RII20420 Certificate II in Underground Metalliferous Mining	RII20415 Certificate II in Underground Metalliferous Mining		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>.