

Qualification code	RII302XX
Qualification title	Certificate III in Underground Coal Operations
Qualification description	<p>This qualification reflects the role of skilled workers, including production operators, working in underground coal mines, who perform tasks involving a broad range of skilled applications in varied work contexts, using some discretion and judgement in selecting equipment, services and contingency measures.</p> <p>Licensing/Regulatory Information</p> <p>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.</p>
Entry requirements	<p>Successful completion of the following or equivalent:</p> <ul style="list-style-type: none"> • RIICOM201E Communicate in the workplace • RIERR203E Escape from hazardous situation unaided • RIERR205D Apply initial response first aid • RIIGOV201E Comply with site work processes/procedures • RIIMCU217 Apply spontaneous combustion management measures • RIIMCU208E Conduct basic strata control operations • RIIMCU214E Conduct ventilation operations • RIIRIS201E Conduct local risk control • RIIWHS201E Work safely and follow WHS policies and procedures.
Packaging Rules	<p>The following provides the packaging rules for this qualification, followed by the list of relevant units of competency.</p> <p>Specialisations</p> <p>The qualification has core and elective units of competency that cover the skills for the following four (4) specialisations:</p> <p>Specialisation 1 – Continuous Mining Operations Specialisation 2 – High Wall Mining Operations Specialisation 3 – Longwall Operations Specialisation 4 – Services</p> <p>The core and elective unit requirements of one (1) stream must be met for this qualification to be awarded.</p> <p>All elective units chosen from outside this qualification must reflect current occupational and learning outcomes of this AQF qualification level.</p>

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 chosen 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.

To be awarded the Certificate III in Underground Coal Operations (Continuous Mining Operations) the following packaging rules apply:

Total number of units = 11

3 core units plus

8 elective units, of which:

- three (3) must be chosen from the electives in Group A
- at least three (3) must be chosen from the electives in Group B
- up to two (2) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Coal Operations (High Wall Mining Operations) the following packaging rules apply:

Total number of units = 9

3 core units plus

6 elective units, of which:

- three (3) must be chosen from the electives in Group C
- at least one (1) must be chosen from the electives in Group D
- up to two (2) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Coal Operations (Longwall Operations) the following packaging rules apply:

Total number of units = 12

3 core units plus

9 elective units, of which:

- three (3) must be chosen from the electives in Group E
- at least three (3) must be chosen from the electives in Group F
- up to two (2) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Coal Operations (Services) the following packaging rules apply:

Total number of units = 12

3 core units plus

9 elective units, of which:

- at least two (2) must be chosen from the electives in Group G
- at least four (4) must be chosen from the electives in Group H
- up to two (3) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

CORE UNIT CODES AND TITLES

- RIERR201E - Conduct fire team operations
- RIIRIS301E - Apply risk management processes
- RIUND207E - Conduct underground lifting operations

ELECTIVE UNIT CODES AND TITLES

Group A (Continuous Mining Operations)

- RIIMCU210D - Conduct stonedusting operations
- RIIMCU301E - Conduct specialised strata control operations
- RIIMCU303E - Conduct continuous miner operations

Group B (Continuous Mining Operations)

- RIENV301E - Conduct atmospheric monitoring
- RIIMCU201D - Operate power tram
- RIIMCU202D - Conduct tracked vehicle/plant operations
- RIIMCU203D - Conduct wheeled vehicle operations (non - articulated)
- RIIMCU204D - Conduct wheeled vehicle operations (articulated)
- RIIMCU213E - Conduct feeder breaker operations
- RIIMCU304E - Conduct shuttle car operations
- RIIMCU305E - Conduct outburst mining operations
- RIIMCU309E - Operate breaker line supports
- RIIMCU310E - Conduct flexible conveyor train (FCT) operations
- RIIMCU401E - Conduct special roadway operations

Group C (High Wall Mining Operations)

- RIENV301E - Conduct atmospheric monitoring
- RIPEO202E - Provide deck support for conveyor - car high wall mining operations
- RIPEO301E - Conduct conveyor - car high wall mining operations

Group D (High Wall Mining Operations)

- RIHAN201E - Operate a forklift
- RIIMPO304E - Conduct wheel loader operations

Group E (Longwall Operations)

- RIIMCU215D - Operate longwall ancillary equipment
- RIIMCU306E - Conduct shearer operations
- RIIMCU307E - Conduct longwall face equipment operations

	<p><i>Group F (Longwall Operations)</i></p> <ul style="list-style-type: none"> • RIIENV301E - Conduct atmospheric monitoring • RIIMCU201D - Operate power tram • RIIMCU202D - Conduct tracked vehicle/plant operations • RIIMCU203D - Conduct wheeled vehicle operations (non - articulated) • RIIMCU204D - Conduct wheeled vehicle operations (articulated) • RIIMCU210D - Conduct stonedusting operations • RIIMCU301E - Conduct specialised strata control operations • RIIMCU308E - Install and recover longwall equipment <p><i>Group G (Services)</i></p> <ul style="list-style-type: none"> • RIIENV301E - Conduct atmospheric monitoring • RIIMCU301E - Conduct specialised strata control operations • RIIMCU302F - Construct and maintain ventilation devices • RIIMCU308E - Install and recover longwall equipment • RIUND201D - Install, maintain and recover reticulation systems <p><i>Group H (Services)</i></p> <ul style="list-style-type: none"> • RIIHAN208E - Perform dogging • RIIHAN209E - Perform basic rigging • RIIHAN211D - Conduct basic scaffolding operations • RIIHAN307E - Operate a vehicle loading crane • RIIMCU201D - Operate power tram • RIIMCU203D - Conduct wheeled vehicle operations (non - articulated) • RIIMCU204D - Conduct wheeled vehicle operations (articulated) • RIIMCU206D - Install, maintain and recover gas drainage systems • RIIMCU207D - Install, maintain and recover electrical services • RIIMCU209E - Conduct roadway maintenance • RIIMCU210D - Conduct stonedusting operations • RIIMCU218 - Work safely with polymeric chemicals in underground coal mining • RIIMCU312 - Conduct polymeric chemical operations in underground coal mining • RIIMCU313 - Mix and pump polymeric chemicals in underground coal mining • RIIMCU314 - Transport and store polymeric chemicals in underground coal mining • RIIMCU401E - Conduct special roadway operations • RIIMPO307E - Conduct wheel grader operations in underground mines • RIINHB304E - Conduct reverse circulation drilling operations • RIINHB310D - Conduct surface directional drilling • RIPEO207E - Carry out conveyor system shift • RIPEO208E - Extend, retract and maintain conveyor componentry
--	---

- RIISAM304E - Install, commission and maintain major conveyor equipment and systems
- RIIUND208E - Conduct skip operations
- RIIUND209E - Operate automated winder
- RIIUND301E - Operate manual winder
- RIIUND302E - Conduct cage operations
- RIIUND303E - Operate winder for shaft sinking

Group I (General Underground Coal Operations)

- AURKTJ011 - Remove, inspect and fit earthmoving and off - the - road tyres
- AURKTJ012 - Remove, inspect and fit earthmoving and off - the - road wheel and rim assemblies
- RIIBLA202F - Support underground shotfiring operations
- RIIBLA204E - Store, handle and transport explosives in underground coal mines
- RIIBLA302E - Conduct shotfiring operations in underground coal mines
- RIICOM301E - Communicate information
- RIIERR204E - Provide aided rescue to endangered personnel
- RIIERR301E - Respond to work site incidents
- RIIERR302E - Respond to local emergencies and incidents
- RIIERR303E - Operate in self - contained regenerative oxygen breathing apparatus
- RIIERR405 - Control emergencies and critical situations
- RIIERR305E - Control underground fires
- RIIERR306E - Conduct underground searches
- RIIERR307E - Extricate casualties from underground incidents
- RIIERR308E - Extricate and transport people involved in incidents
- RIIERR309D - Establish and operate from fresh air base
- RIIERR406 - Provide support for rescue operations
- RIIHAN201E - Operate a forklift
- RIIHAN208E - Perform dogging
- RIIHAN209E - Perform basic rigging
- RIIHAN210D - Perform intermediate rigging operations
- RIIHAN211D - Conduct basic scaffolding operations
- RIIHAN212E - Conduct non - slewing crane operations
- RIIHAN301E - Operate elevating work platform
- RIIHAN302D - Conduct intermediate scaffolding operations
- RIIHAN305D - Operate a gantry or overhead crane
- RIIMCU311E - Monitor control processes
- RIIMPO208F - Operate support equipment
- RIIQUA201E - Maintain and monitor site quality standards
- RIIRIS202E - Respond to site based spills
- RIISAM205E - Cut, weld and bend materials

	<ul style="list-style-type: none"> • RIISAM207E - Apply operational maintenance skills • RIISAM212E - Service mine plant and equipment • RIISAM301F - Test operational functions of vehicles and equipment • RIISAM315A - Manage tyre, wheel and rim assembly applications • RIIUND205E - Respond to a workforce incident • RIIVEH201E - Operate a light vehicle • RIIVEH202F - Operate a medium vehicle • RIIWHS301E - Conduct safety and health investigations
Qualification mapping information	Supersedes and is equivalent to <i>RII30220 Certificate III in Underground Coal Operations</i> .
Links	Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272

Modification History

Release	Comments
Release 1	This version was first released with RII Resources and Infrastructure Industry Training Package Version XX to incorporate updates to superseded specialised elective units.