

Qualification code	RII303XX
Qualification title	Certificate III in Underground Metalliferous Mining
Qualification description	<p>This qualification reflects the role of individuals such as shot firers, drillers and production operators, working in underground metalliferous mining, who perform tasks involving a broad range of skilled applications in a varied work context, using some discretion and judgement in selecting equipment, services or contingency measures.</p> <p>Licensing, legislative, regulatory or certification considerations</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	Nil.
Packaging Rules	<p>The following provides the packaging rules for this qualification, followed by the list of relevant units of competency.</p> <p>The qualification has core and elective units of competency that cover the skills for four specialist and one general underground metalliferous mining streams. The core and elective unit requirements of one of the following streams must be met for this qualification to be awarded.</p> <ul style="list-style-type: none"> • Charge Up • Development • Production • Services and Infrastructure • General <p>The achievement of a specialisation will be identified on testamurs as follows:</p> <ul style="list-style-type: none"> • RII30320 Certificate III in Underground Metalliferous Mining (Charge Up) • RII30320 Certificate III in Underground Metalliferous Mining (Development) • RII30320 Certificate III in Underground Metalliferous Mining (Production) • RII30320 Certificate III in Underground Metalliferous Mining (Services and Infrastructure) • RII30320 Certificate III in Underground Metalliferous Mining (General)

To be awarded the Certificate III in Underground Metalliferous Mining (Charge Up) the following packaging rules apply:

Total number of units = 14

6 core units plus

8 elective units, of which:

- at least 4 must be from Group A
- no more than 4 may be from Group E and/or Group F
- no more than 2 may be from elsewhere in this or any other currently endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Metalliferous Mining (Development) the following packaging rules apply:

Total number of units = 14

6 core units plus

8 elective units, of which:

- at least 4 must be from Group B
- no more than 4 may be from Group E and/or Group F
- no more than 2 may be from elsewhere in this or any other currently endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Metalliferous Mining (Production) the following packaging rules apply:

Total number of units = 14

6 core units plus

8 elective units, of which:

- at least 4 must be from Group C
- no more than 4 may be from Group E and/or Group F
- no more than 2 may be from elsewhere in this or any other currently endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Metalliferous Mining (Services and Infrastructure) the following packaging rules apply:

Total number of units = 14

6 core units plus

8 elective units, of which:

- at least 4 must be from Group D
- no more than 4 may be from Group E and/or Group F
- no more than 2 may be from elsewhere in this or any other currently endorsed training package, or from an accredited course.

To be awarded the Certificate III in Underground Metalliferous Mining (General) the following packaging rules apply:

Total number of units = 14

6 core units plus

8 elective units, of which:

- at least 4 must be from Group E
- no more than 4 may be from Group F
- no more than 2 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 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 UNIT CODES AND TITLES

- RIICOM302D - Communicate workplace information
- RIENV201E - Identify and assess environmental and heritage concerns
- RIIMEX302D - Assess ground conditions
- RIQUA201E - Maintain and monitor site quality standards
- RIIRIS301E - Apply risk management processes
- RIWHS201E - Work safely and follow WHS policies and procedures

ELECTIVE UNIT CODES AND TITLES

Group A (Charge Up)

- RIIBLA201E - Support shotfiring operations
- RIIBLA202F - Support underground shotfiring operations
- RIIBLA205E - Store, handle and transport explosives
- RIIBLA303E - Conduct underground development shotfiring
- RIIBLA304E - Conduct underground production shotfiring
- RIIBLA305E - Conduct secondary blasting
- RIIBLA401E - Manage blasting operations

	<p><i>Group B (Development)</i></p> <ul style="list-style-type: none"> • RIIBHD302E - Conduct underground development drilling • RIIBHD303E - Conduct long hole drilling • RIIMPO333E - Conduct underground load, haul and dump truck operations • RIINHB312D - Conduct raise boring • RIIUMM303D - Conduct hand held mining • RIIUMM306D - Conduct mechanical scaling • RIIUND307D - Conduct tele - remote operations • RIIUND309D - Conduct mechanical underground ground support drilling and installation • RIIUND310E - Apply shotcrete underground <p><i>Group C (Production)</i></p> <ul style="list-style-type: none"> • RIIBEF302E - Monitor site production activities • RIIBHD303E - Conduct long hole drilling • RIIHAN304E - Conduct slewing crane operations • RIIHAN309F - Conduct telescopic materials handler operations • RIIHAN310E - Conduct crane operations underground • RIIHAN311F - Conduct operations with integrated tool carrier • RIIMPG301D - Control and monitor automated plant/machinery • RIIMPO307E - Conduct wheel grader operations in underground mines • RIIMPO333E - Conduct underground load, haul and dump truck operations • RIIMPO334E - Conduct skid steer loader operations using attachments • RIIMPO335E - Conduct skid steer loader operations without attachments • RIINHB312D - Conduct raise boring • RIIUMM303D - Conduct hand held mining • RIIUND307D - Conduct tele - remote operations • RIIVEH306E - Operate a mine service vehicle <p><i>Group D (Services and Infrastructure)</i></p> <ul style="list-style-type: none"> • RIIBEF301D - Run on - site operations • RIIBEF401E - Manage non - routine and complex technical situations • RIIMPG301D - Control and monitor automated plant/machinery • RIINHB312D - Conduct raise boring
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- RIISAM306E - Service and maintain conveyors, feeders and hoppers
- RIISAM307E - Service and maintain crushers
- RIISRM302E - Conduct stockpile reclaiming operations
- RIIUMM304D - Construct and maintain underground roads
- RIIUMM305D - Install and remove a secondary fan
- RIIUMM307D - Maintain underground stockpiles
- RIIUND301E - Operate manual winder
- RIIUND302E - Conduct cage operations
- RIIUND303E - Operate winder for shaft sinking

Group E (General 1)

- BSBOPS402 - Coordinate business operational plans
- RIIBEF301D - Run on - site operations
- RIIBEF401E - Manage non - routine and complex technical situations
- RIIBHD302E - Conduct underground development drilling
- RIIBHD303E - Conduct long hole drilling
- RIIBLA303E - Conduct underground development shotfiring
- RIIBLA304E - Conduct underground production shotfiring
- RIIBLA305E - Conduct secondary blasting
- RIIMPG301D - Control and monitor automated plant/machinery
- RIIMPO307E - Conduct wheel grader operations in underground mines
- RIIMPO333E - Conduct underground load, haul and dump truck operations
- RIINHB312D - Conduct raise boring
- RIISAM202E - Isolate and access plant
- RIISAM306E - Service and maintain conveyors, feeders and hoppers
- RIISAM307E - Service and maintain crushers
- RIISRM302E - Conduct stockpile reclaiming operations
- RIIUMM303D - Conduct hand held mining
- RIIUMM304D - Construct and maintain underground roads
- RIIUMM305D - Install and remove a secondary fan
- RIIUMM306D - Conduct mechanical scaling
- RIIUMM307D - Maintain underground stockpiles
- RIIUND205E - Respond to a workforce incident
- RIIUND301E - Operate manual winder

	<ul style="list-style-type: none"> • RIIUND302E - Conduct cage operations • RIIUND303E - Operate winder for shaft sinking • RIIUND305D - Recover underground equipment • RIIUND307D - Conduct tele - remote operations • RIIUND309D - Conduct mechanical underground ground support drilling and installation • RIIVEH306E - Operate a mine service vehicle • RIIWHS301E - Conduct safety and health investigations <p><i>Group F (General 2)</i></p> <ul style="list-style-type: none"> • BSBSTR401 - Promote innovation in team environments • BSBTWK301 - Use inclusive work practices • MSMPER200 - Work in accordance with an issued permit • MSMPER300* - Issue work permits • MSMWHS201 - Conduct hazard analysis • RIIBEF302E - Monitor site production activities • RIIBLA201E - Support shotfiring operations • RIIBLA205E - Store, handle and transport explosives • RIICAR302D - Rehabilitate small mine site • RIERR203E - Escape from hazardous situations unaided • RIERR204E - Provide aided rescue to endangered personnel • RIERR302E - Respond to local emergencies and incidents • RIIHAN304E - Conduct slewing crane operations • RIIHAN309F - Conduct telescopic materials handler operations • RIIHAN310E - Conduct crane operations underground • RIIHAN311F - Conduct operations with integrated tool carrier • RIIMPO334E - Conduct skid steer loader operations using attachments • RIIMPO335E - Conduct skid steer loader operations without attachments • RIIRIS202E - Respond to site based spills • RIISTD301D - Take environmental samples and measurements • RIIUND310E - Apply shotcrete underground • TLILIC3008 - Licence to operate a slewing mobile crane (up to 20 tonnes) <p><u>*Note the following prerequisite unit requirements.</u></p>
Qualification mapping information	Supersedes and is equivalent to <i>RII30320 Certificate III in Underground Metalliferous Mining.</i>

Links	Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272
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PREREQUISITE UNIT REQUIREMENTS

UNIT IN THIS QUALIFICATION	PREREQUISITE UNIT
MSMPER300 Issue work permits	<ul style="list-style-type: none"> MSMWHS201 Conduct hazard analysis

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.