



Australian Government

RII40311 Certificate IV in Metalliferous Mining Operations (Underground)

Release 3

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Modification History

Not applicable.

Description

This qualification reflects the role of employees such as a supervisor/team leader in an underground metalliferous mine. 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, contribute to the development of technical solutions to non-routine problems and apply mine management plans to the workplace. This qualification is not applicable to coal mining.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

The following table includes a summary of the employability skills as identified by the resources and infrastructure industry for this qualification. The table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes required here are broad industry requirements that may vary depending on packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • provide clear and direct feedback • listen carefully to instructions and information • read and interpret project plans and safety signs • calculate basic weights, distances and volumes • complete accurate work plans, technical reports, risk assessments, etc • negotiate solutions to customer and workplace based issues • negotiate project details with clients • network with other professionals working in the same field • adjust communication style to meet the needs of people with diverse backgrounds
Teamwork	<ul style="list-style-type: none"> • plan and lead team performance and operations • coordinate project activities and timelines with clients • work cooperatively with people of different ages, gender, race, religion or political persuasion and people with disability • recognise and respond sensitively to people from culturally and linguistically diverse backgrounds • provide feedback and advice to staff • participate in site-wide planning and coordination activities
Problem-solving	<ul style="list-style-type: none"> • re-allocate staff and resources in response to changing weather, site conditions and priorities • work with staff to solve problems and coordinate team members' responsibilities and activities • work cooperatively with clients to resolve contract and operational issues • participate in ongoing review and adjustment of operations against performance indicators and project milestones
Initiative and enterprise	<ul style="list-style-type: none"> • act independently to identify potential improvements to working practice and conditions • identify and take steps to resolve risks in the workplace • encourage the exploration and application of innovative approaches to improve on operational performance
Planning and organising	<ul style="list-style-type: none"> • manage and coordinate time and priorities for self and team • identify and obtain appropriate personnel and resources for work

	<ul style="list-style-type: none"> ensure that risks are assessed and appropriate emergency plans are in place ensure that project planning incorporates the possibility of adapting to future changes
Self-management	<ul style="list-style-type: none"> take responsibility for ensuring team targets and goals are achieved understand the standard of work expected at the work site proactively manage team performance develop trust and confidence in staff and customers
Learning	<ul style="list-style-type: none"> be willing to learn new ways of working seek information to improve performance from people and workplace documents like policies, procedures etc understand equipment characteristics, technical capabilities, limitations and procedures participate in and, where appropriate, lead change processes work with staff to create learning and development plans prepare and lead formal or informal training sessions
Technology	<ul style="list-style-type: none"> apply a range of basic IT skills in monitoring and reporting on systems operate equipment safely and according to manufacturer and workplace guidelines use communications technology appropriate to the workplace (email, mobile, radio, etc) use computer technology to monitor and communicate project status use IT to create documents and maintain records of work activities

Packaging Rules

Requirements for completion of the qualification

The following table provides the packaging rules for this qualification, followed by the list of relevant units of competency.

Successful completion of a total of fifteen (15) units of competency, made up of:

- eight (8) Core units of competency, and
- seven (7) Group A electives units, including at least six (6) from the list of Group A electives, and up to one (1) from AQF level III, IV or Diploma in this or any other, Training Package.

Units of competency chosen must be relevant to the competency requirements for the job function..

Care must be taken to ensure that all prerequisites specified within imported units, or units chosen as electives, are complied with.

Core units of competency	
<i>Unit code</i>	<i>Unit title</i>
RIICOM301B	Communicate information
RIIQUA201A	Maintain and monitor site quality standards
RIIGOV401B	Apply, monitor and report on compliance systems
RIIMEX404B	Apply and monitor systems for stable mining
BSBOHS407A	Monitor a safe workplace
RIIOHS301A	Conduct safety and health investigations
RIIRIS301B	Apply risk management processes
BSBSUS301A	Implement and monitor environmentally sustainable work practices
Group A electives	
<i>Unit code</i>	<i>Unit title</i>
BSBINM401A	Implement workplace information system

BSBINN301A	Promote innovation in a team environment
BSBLED401A	Develop teams and individuals
BSBMGT401A	Show leadership in the workplace
BSBMGT402A	Implement operational plan
BSBMGT403A	Implement continuous improvement
BSBWOR404B	Develop work priorities
HLTFA301C	Apply first aid
RIIBLA304A	Conduct underground production shotfiring
RIIBLA303A	Conduct underground development shotfiring
RIIBLA401A	Manage blasting operations
RIIBLA402A	Monitor and control the effects of blasting on the environment
RIICOM201A	Communicate in the workplace
RIIERR404A	Apply and monitor underground metalliferous mine emergency preparedness and response systems
RIIERR403A	Lead rescue team
RIIMEX406A	Apply and monitor mine transport system and production equipment
RIIOHS401A	Supervise work in confined spaces
RIIRAI401A	Apply and monitor mine services and infrastructure systems
RIIRIS402A	Carry out the risk management processes
RIISAM403A	Commission/recommission plant
RIIUND401B	Apply and monitor the ventilation management plan
TAEASS301B	Contribute to assessment
TAEASS401A	Plan and organise assessment
TAEASS402B	Assess competence

TAEASS403B	Participate in assessment validation
TAEDEL301A	Provide work skill instruction