RII40411	Certificate IV in Underground Coal Operations

Qualification Notes

Descriptor

This qualification reflects the role of employees such as mine supervisor, team leader or deputy, in an underground coal mine who 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 safety management plans to the workplace.

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.

Note about regulations: RIIMCU406A is Mandatory in NSW.

Successful completion of thirteen (13) units of competency made up of:
- nine (9) mandatory units, and
- four (4) elective units of which:
    ◦ at least one (1) must come from the specified electives listed below
    ◦ up to three (3) from the general electives listed below
    ◦ up to one (1) unit may come from Certificate III, Certificate IV or Diploma level from this, or any other Training Package

Units chosen must be relevant to the job function.

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

Mandatory units of competency	
Unit code	*Unit title*
RIIBLA202B	Support underground shotfiring operations **(minimum requirement in Queensland)**
	OR
RIIBLA302A	Conduct shotfiring operations in underground coal mines **(Mandatory in NSW)**
RIIERR402A	Apply and monitor underground coal mine emergency preparedness and response systems
RIIMCU403A	Apply and monitor the gas management plan
RIIMCU407A	Apply and monitor the strata management plan
RIIMCU408A	Apply the spontaneous combustion management plan
RIIMEX406A	Apply and monitor mine transport system and production equipment
RIIRAI401A	Apply and monitor mine services and infrastructure systems
RIIRIS402A	Carry out the risk management processes
RIIUND401B	Apply and monitor the ventilation management plan
Specified electives	
Unit code	*Unit title*
RIIMCU303A	Conduct continuous miner operations
RIIMCU304A	Conduct shuttle car operations
RIIMCU305A	Conduct outburst mining operations
RIIMCU306A	Conduct shearer operations
RIIMCU307A	Conduct longwall face equipment operations
RIIMCU401A	Conduct special roadway operations
RIIMCU404A	Apply and monitor the gas drainage management plan
RIIMCU405A	Apply and monitor the outburst management plan

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RIIMCU406A	Apply and monitor the inrush management plan *(Mandatory in NSW)*
RIIUND304A	Recover equipment
General electives	
Unit code	*Unit title*
BSBCUS401A	Coordinate implementation of customer service strategies
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
BSBOHS407A	Monitor a safe workplace
BSBWOR404A	Develop work priorities
RIICOM301B	Communicate information
RIIERR403A	Lead rescue team
RIIOHS301A	Conduct safety and health investigations

EMPLOYABILITY SKILLS QUALIFICATION 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	- 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	- 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	- 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	• 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	• manage and coordinate time and priorities for self and team • identify and obtain appropriate personnel and resources for work • 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	• 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	• 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	• 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