RII40120 Certificate IV in Surface Extraction Operations

Release 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0.

Qualification Description

This qualification reflects the role of individuals such as supervisors and team leaders working open cut mines or quarries. 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 safety management plans to the workplace.

Licensing, legislative, regulatory or certification considerations

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 = 13

4 core units plus

9 elective units, of which:

- 1 must be from Group A
- at least 2 must be from Group B
- no more than 4 may be from Group C
- no more than 1 may be from Group D
- 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.

PwC's Skills for Australia

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	
Unit code	*Unit title*
RIICOM301E	Communicate information
RIIENV302E	Apply environmentally sustainable work practices
RIIGOV401E	Apply, monitor and report on compliance systems
RIIRIS401E	Apply site risk management system
Electives	
Group A	
Unit code	*Unit title*
BSBWHS411	Implement and monitor WHS policies, procedures and programs
RIIWHS402E	Examine and maintain mine safety
Group B	
Unit code	*Unit title*
RIIARO401	Supervise autonomous operations
RIIBLA401E	Manage blasting operations
RIIERR302E	Respond to local emergencies and incidents
RIIERR401E	Apply and monitor emergency preparedness and response systems in surface operations
RIIMEX401D	Apply pit plan
RIIMEX402E	Supervise dredging operations
RIIMEX404E	Apply and monitor systems for stable mining
RIIMEX405E	Apply and monitor systems and methods of surface coal mining
RIIMEX407	Apply and monitor the ground control management plan
RIIMEX408	Supervise overburden dump operations
RIIMPO401D	Supervise mobile plant operations
RIIMPO403D	Monitor interaction of heavy and light vehicles and mining equipment

RIIPRO401D	Supervise processing operations
RIIPRO402D	Supervise recycled materials operations
RIIRAI401D	Apply and monitor mine services and infrastructure systems
RIIRAI402D	Apply and monitor site plant and resource management plan
RIISRM401D	Apply and monitor the site stockpile management plan
RIISTD401	Monitor quarry laboratory operations and the quality of results
RIIWBP401D	Apply and monitor site waste and by-products management plan
RIIWMG401D	Apply and monitor the site water management plan

Group C

Unit code	Unit title
BSBESB401	Research and develop business plans
BSBESB403	Plan finances for new business ventures
BSBESB404	Market new business ventures
BSBFIN401	Report on financial activity
BSBHRM413	Support the learning and development of teams and individuals
BSBINS402	Coordinate workplace information systems
BSBLDR411	Demonstrate leadership in the workplace
BSBOPS402	Coordinate business operational plans
BSBOPS404	Implement customer service strategies
BSBPEF402	Develop personal work priorities
BSBWHS521	Ensure a safe workplace for a work area
ICTICT312	Use advanced features of applications
RIIBLA301E	Conduct surface shotfiring operations
RIIBLA402E	Monitor and control the effects of blasting on the environment
RIICCR401E	Develop and maintain positive community relations
RIIENV401E	Supervise dust and noise control
RIIERR201E	Conduct fire team operations
RIIERR301E	Respond to work site incidents
RIIERR403E	Lead rescue teams
RIIERR406	Provide support for rescue operations
RIILAT402E	Provide leadership in the supervision of diverse work teams
RIIQUA401E	Apply a quality management system on site

RIIRIS301E	Apply risk management processes
RIIRIS403D	Manage and coordinate spill response
RIIRIS501E	Implement and maintain management systems to control risk
RIISAM401E	Apply site plant, equipment and infrastructure maintenance management plans
RIISAM403E	Commission/recommission plant
RIIWHS301E	Conduct safety and health investigations
RIIWHS401E	Supervise work in confined spaces
TAEASS301	Contribute to assessment
TAEASS401	Plan assessment activities and processes
TAEASS402	Assess competence
TAEASS403	Participate in assessment validation
TAEDEL301	Provide work skill instruction
Group D	
Unit code	*Unit title*
HLTAID011	Provide first aid
RIIERR205D	Apply initial response First Aid

Qualification Mapping Information

Supersedes and is equivalent to RII40115 Certificate IV in Surface Extraction Operations.

Links

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