



Australian Government

RII40115 Certificate IV in Surface Extraction Operations

Release: 5

RII40115 Certificate IV in Surface Extraction Operations

Modification History

Release	Comments
1	This qualification replaces RII40113 Certificate IV in Surface Extraction Operations. Amended packaging rules. Added new unit RIILAT402D Provide supervision in the leadership of diverse work teams and RIIBLA308D Conduct electronic blasting operations to Group C electives. Updated codes of imported units.
2	This version was released with RII Resources and Infrastructure Training Package version 3.0.
3	Editorial corrections.
4	Minor change to add the following units of competency to the elective list: RIIBLA401E Manage blasting 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 RIIMEX404E Apply and monitor systems for stable mining RIIMEX407 Apply and monitor the ground management plan RIQUA401E Apply a quality management system on site RIISAM403E Commission/recommission plant RIWHS401E Supervise work in confined spaces
5	Minor change to add the following unit of competency to the elective list: RIISTD401 Monitor quarry laboratory operations and the quality of results

Qualification Description

This qualification reflects the role of employees such as a supervisor or team leader working in an open cut mine or quarry. 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 and certification requirements that apply to this qualification can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the qualification.

Entry Requirements

There are no entry requirements for this qualification.

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:

- one (1) must be chosen from Group A
- at least two (2) must be chosen from Group B
- no more than four (4) may be chosen from Group C
- no more than one (1) may be chosen from Group D
- no more than two (2) may be chosen from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected from outside this qualification must reflect current occupational and learning outcomes of this AQF qualification level.

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 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	
<i>Unit code</i>	<i>Unit title</i>
BSBSUS301	Implement and monitor environmentally sustainable work practices
RIICOM301D	Communicate information
RIIGOV401D	Apply, monitor and report on compliance systems
RIIRIS401D	Apply site risk management system
Electives	
Group A	
<i>Unit code</i>	<i>Unit title</i>
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
RIIWHS402D	Examine and maintain mine safety

Group B	
<i>Unit code</i>	<i>Unit title</i>
RIIBLA401E	Manage blasting operations
RIIBLA403	Design blasts
RIIBHD401D	Supervise blast hole drilling operations
RIICAR401D	Supervise rehabilitation operations
RIIERR302E	Respond to local emergencies and incidents
RIIERR401D	Apply and monitor surface operations emergency preparedness and response systems
RIIMEX401D	Apply pit plan
RIIMEX402D	Supervise dredging operations
RIIMEX404E	Apply and monitor systems for stable mining
RIIMEX405D	Apply and monitor systems and methods of surface coal mining
RIIMEX407	Apply and monitor the ground management plan
RIIMPO401D	Supervise mobile plant operations
RIIMPO403D	Monitor the 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	
<i>Unit code</i>	<i>Unit title</i>
BSBCUS401	Coordinate implementation of customer service strategies
BSBFIA412	Report on financial activity
BSBINM401	Implement workplace information system
BSBLED401	Develop teams and individuals
BSBMGT401	Show leadership in the workplace
BSBMGT402	Implement operational plan

BSBSMB402	Plan small business finances
BSBSMB403	Market the small business
BSBSMB404	Undertake small business planning
BSBWOR404	Develop work priorities
ICTICT308	Use advanced features of computer applications
RIIBLA301D	Conduct surface shotfiring operations
RIIBLA308D	Conduct electronic blasting 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
RIIERR301D	Respond to mine incident
RIIERR310D	Provide support for rescue operations
RIIERR403D	Lead rescue team
RIILAT402D	Provide supervision in the leadership of diverse work teams
RIIQUA401E	Apply quality management system on site
RIIRIS301D	Apply risk management processes
RIIRIS403D	Managing and coordinating spill responses
RIISAM401D	Apply site plant, equipment and infrastructure maintenance management plan
RIISAM402D	Supervise operation of electrical equipment and installations
RIISAM403E	Commission/recommission plant
RIIWHS301D	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	
<i>Unit code</i>	<i>Unit title</i>
HLTAID003	Provide first aid
RIIERR205D	Apply initial response First Aid

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
RII40115 Certificate IV in Surface Extraction Operations	RII40113 Certificate IV in Surface Extraction Operations	Packaging rules changed to clarify intent; added two elective units	Equivalent qualification

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

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