RII40115 Certificate IV in Surface Extraction Operations

# Modification History

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| 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. |

# 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.

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| Core units of competency | |
| Unit code | Unit title |
| 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 | |
| Unit code | Unit title |
| BSBWHS401 | Implement and monitor WHS policies, procedures and programs to meet legislative requirements |
| RIIWHS402D | Examine and maintain mine safety |
| Group B | |
| Unit code | Unit title |
| RIIBLA401D | Manage blasting operations |
| 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 |
| RIIMEX404D | Apply and monitor systems for stable mining |
| RIIMEX405D | Apply and monitor systems and methods of surface coal mining |
| 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 |
| 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 |
| 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 |
| RIIBLA402D | Monitor and control the effects of blasting on the environment |
| RIICCR401D | Develop and maintain positive community relations |
| RIIENV401D | 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 |
| RIIQUA401D | 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 |
| RIISAM403D | Commission/recommission plant |
| RIIWHS301D | Conduct safety and health investigations |
| RIIWHS401D | 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 |
| HLTAID003 | Provide first aid |
| RIIERR205D | Apply initial response First Aid |

# Qualification Mapping Information

| Code and titlecurrent version | Code and titleprevious 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>