



**Australian Government**

# **RII20515 Certificate II in Resource Processing**

**Release 4**

## RII20515 Certificate II in Resource Processing

### Modification History

| Release | Comment  |
|---------|--|
| 1       | This qualification replaces RII20513 Certificate II in Resource Processing. Packaging rules wording changed to clarify intent. Elective Groups C and D combined. Added BSBDIV301 Work effectively with diversity to Group C electives. Updated codes of imported units. Added qualification mapping information table. |
| 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:<br>RIIENV202E Suppress airborne contaminants<br>RIIHAN203E Conduct lifting operations<br>RIIPEO201E Conduct conveyor operations<br>RIISAM208E Perform plant operational maintenance.   |

### Qualification Description

This qualification reflects the role of individuals working in a metal processing facility or a coal preparation plant, performing mainly routine, operational tasks using limited practical skills and fundamental operational knowledge, in a defined context under direct supervision.

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 = 10

**4 core units** plus

**6 elective units**, of which:

- one (1) must be chosen from Group A
- at least four (4) must be chosen from Group B
- no more than one (1) may be chosen from Group C
- no more than one (1) unit 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 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.

| <b>Core units of competency</b> |   |
|---------------------------------|---|
| <i>Unit code</i>                | <i>Unit title</i>   |
| BSBSUS201                       | Participate in environmentally sustainable work practices     |
| RIICOM201D                      | Communicate in the workplace                                  |
| RIIRIS201D                      | Conduct local risk control                                    |
| RIIWHS201D                      | Work safely and follow WHS policies and procedures            |
| <b>Electives</b>                |   |
| <b>Group A</b>                  |   |
| RIIGOV201D                      | Comply with site work processes/procedures                    |
| RIIQUA201D                      | Maintain and monitor site quality standards                   |
| <b>Group B</b>                  |   |
| <i>Unit code</i>                | <i>Unit title</i>   |
| MSL973013                       | Perform basic tests   |
| MSMSUP101                       | Clean workplace or equipment                                  |
| PMAOPS202                       | Operate fluid mixing equipment                                |
| PMAOPS205                       | Operate heat exchangers                                       |
| PMAOPS208                       | Operate chemical separation equipment                         |
| PMAOPS223                       | Operate and monitor valve systems                             |
| PMAOPS230                       | Monitor, operate and maintain pipeline stations and equipment |
| PMAOPS246                       | Operate separation equipment                                  |
| PMAOPS247                       | Operate powered separation equipment                          |

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| PMAOPS307  | Transfer bulk fluids into/out of storage facility   |
| RIIERR302E | Respond to local emergencies and incidents          |
| RIIMCP202D | Conduct rail dispatch operations                    |
| RIIMEX203D | Break oversize rock                                 |
| RIIMPG201D | Connect and disconnect reefer units                 |
| RIIMPO206D | Conduct bulk water truck operations                 |
| RIIMPO208F | Operate support equipment                           |
| RIIMPO305F | Conduct coal stockpile dozer operations             |
| RIIMPO306D | Operate plant/machinery on live stockpiles          |
| RIIMPO308F | Conduct tracked dozer operations                    |
| RIIMPO331E | Conduct operations with stockpile dozer             |
| RIIPBE201D | Conduct aeration process                            |
| RIIPBE202D | Conduct digestion process                           |
| RIIPBE203D | Conduct precipitation operations                    |
| RIIPBE204D | Conduct reduction process                           |
| RIIPBE205D | Conduct roasting operations                         |
| RIIPBP202D | Conduct air cleaning activities                     |
| RIIPEO201E | Conduct conveyor operations                         |
| RIIPEO203D | Conduct stacker operations                          |
| RIIPEO204D | Conduct shore side mooring operations               |
| RIIPEO205D | Conduct ship loading operations                     |
| RIIPGP201D | Conduct pump operations                             |
| RIIPGP202D | Handle reagents                                     |
| RIIPGP203D | Operate compressors                                 |
| RIIPGP204D | Carry out bore-field operations                     |
| RIIPGP205D | Handle, store and use cyanide                       |
| RIIPHA201D | Operate raw material feed systems                   |
| RIIPRE201D | Conduct solvent extraction                          |
| RIIPRE202D | Prepare and carry out electrolytic cleaning process |
| RIIPRE203D | Prepare for sintering activities                    |
| RIIPRE204D | Sinter materials                                    |
| RIIPRO201D | Conduct crushing operations                         |
| RIIPRO202D | Conduct screening and conveying operations          |

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| RIIPRO204D       | Bulk package and store product  |
| RIIPRO205D       | Conduct blending plant operations   |
| RIIPRO301D       | Conduct crushing and screening plant operations   |
| RIIPSM201D       | Tap furnaces  |
| RIIPSM202D       | Prepare for pelletising activities  |
| RIIPSM203D       | Produce pellets   |
| RIISRM302D       | Conduct stockpile reclaiming operations   |
| RIISTD202D       | Collect routine site samples  |
| RIISAM214D       | Provide support to electrical tradesperson  |
| RIIWBP201D       | Treat and dispose of rejects and tailings   |
| RIIWBP202D       | Distribute tailings   |
| RIIWBP203D       | Monitor tailings dam environment  |
| <b>Group C</b>   |   |
| <i>Unit code</i> | <i>Unit title</i>   |
| BSBDIV301        | Work effectively with diversity   |
| BSBITU111        | Operate a personal digital device   |
| CPCCLDG3001A     | Licence to perform dogging  |
| CPCCLRG3001A     | Licence to perform rigging basic level<br>• Prerequisite unit: CPCCLDG3001A Licence to perform dogging  |
| CPCCLRG3002A     | Licence to perform rigging intermediate level<br>• Prerequisite unit: CPCCLRG3001A Licence to perform rigging basic level   |
| CPCCLSF2001A     | Licence to erect, alter and dismantle scaffolding basic level   |
| CPCCLSF3001A     | Licence to erect, alter and dismantle scaffolding intermediate level<br>• Prerequisite unit: CPCCLSF2001A Licence to erect, alter and dismantle scaffolding basic level |
| RIIBEF201D       | Plan and organise work  |
| RIIENV202E       | Suppress airborne contaminants  |
| RIIERR201E       | Conduct fire team operations  |
| RIIERR205D       | Apply initial response First Aid  |
| RIIHAN201E       | Operate a forklift  |
| RIIHAN203E       | Conduct lifting operations  |
| RIIHAN204D       | Load and unload cargo/goods   |

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| RIIHAN205D | Secure cargo   |
| RIIHAN206E | Transport plant, equipment and personnel                                       |
| RIIHAN208D | Perform dogging  |
| RIIHAN209E | Perform basic rigging  |
| RIIHAN210D | Perform intermediate rigging operations  |
| RIIHAN212E | Conduct non-slewing crane operations   |
| RIIMCP301D | Monitor coal preparation plant operations                                      |
| RIIPBP302D | Control acid plant operations  |
| RIIRIS202D | Respond to site based spills   |
| RIISAM202D | Isolate and access plant   |
| RIISAM205D | Cut, weld and bend materials   |
| RIISAM207D | Apply operational maintenance skills   |
| RIISAM208E | Perform plant operational maintenance  |
| RIISAM212D | Service mine plant and equipment   |
| RIIVEH305E | Operate and maintain a four wheel drive vehicle                                |
| RIIWHS202D | Enter and work in confined spaces  |
| RIIWHS204D | Work safely at heights   |
| TLILIC0003 | Licence to operate a forklift truck  |
| TLILIC0008 | Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity) |

## Qualification Mapping Information

| Code and title<br>current version                       | Code and title<br>previous version                      | Comments   | Equivalence<br>status       |
|---|---|--|-----------------------------|
| RII20515<br>Certificate II in<br>Resource<br>Processing | RII20513<br>Certificate II in<br>Resource<br>Processing | Packaging rules changed to clarify intent; elective Groups C and D combined; added one elective unit | Equivalent<br>qualification |

## Links

Companion Volume implementation guides are found in VETNet -

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