



**Australian Government**

# **RII20513 Certificate II in Resource Processing**

**Release 3**

## RII20513 Certificate II in Resource Processing

### Modification History

Release	Comment
1	This qualification replaces RII20509 Certificate II in Resource Processing. Packaging rules changed, separate group created.
2	Editorial corrections.
3	Removed Mandatory Unit information from Packaging Rules.

### 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

### Requirements for completion of the qualification

The following provides the packaging rules for this qualification, followed by the list of relevant units of competency.

Successful completion of ten (10) units of competency made up of:

- four (4) core units, and
- six (6) elective units of which:
  - one (1) must be chosen from group A
  - at least four (4) must be chosen from group B
  - up to one (1) may be chosen from group C and/or group D
  - up to one (1) unit may be chosen from Certificate II or Certificate III level from this, or any other Training Package or accredited course

Units chosen must be relevant to the job function.

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.

<b>Core units of competency</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBSUS201A	Participate in environmentally sustainable work practices
RIICOM201D	Communicate in the workplace
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIRIS201D	Conduct local risk control
<b>Electives</b>	
<b>Group A</b>	
RIIQUA201D	Maintain and monitor site quality standards
RIIGOV201D	Comply with site work processes/procedures
<b>Group B</b>	
<i>Unit code</i>	<i>Unit title</i>
MSAPMSUP101A	Clean workplace or equipment
PMAOPS202B	Operate fluid mixing equipment
PMAOPS205B	Operate heat exchangers

PMAOPS206B	Operate separation equipment
PMAOPS207B	Operate powered separation equipment
PMAOPS208B	Operate chemical separation equipment
PMAOPS223B	Operate and monitor valve systems
PMAOPS230B	Monitor, operate and maintain pipeline stations and equipment
PMAOPS307B	Transfer bulk fluids into/out of storage facility
MSL973001A	Perform basic tests
RIIERR302D	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
RIIMPO208D	Operate support equipment
RIIMPO305D	Conduct coal stockpile dozer operations
RIIMPO306D	Operate plant/machinery on live stockpiles
RIIMPO308D	Conduct tracked dozer operations
RIIMPO331D	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
RIIPEO201D	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
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>
BSBITU101A	Operate a personal computer
RIIBEF201D	Plan and organise work
RIIENV202D	Suppress airborne contaminants
RIIERR201D	Conduct fire team operations
RIIERR205D	Apply initial response First Aid
RIIHAN201D	Operate a forklift
RIIHAN203D	Conduct lifting operations
RIIHAN204D	Load and unload cargo/goods
RIIHAN205D	Secure cargo
RIIHAN206D	Transport plant, equipment and personnel
RIIHAN208D	Perform dogging
RIIHAN209D	Perform basic rigging

RIIHAN210D	Perform intermediate rigging operations
RIIHAN212D	Conduct non-slewing crane operations
RIIMCP301D	Monitor coal preparation plant operations
RIIWHS202D	Enter and work in confined spaces
RIIWHS204D	Work safely at heights
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
RIISAM208D	Perform plant operational maintenance
RIISAM212D	Service mine plant and equipment
<b>Group D</b>	
<i>Unit Code</i>	<i>Unit Title</i>
CPCCLDG3001A	Licence to perform dogging
CPCCLRG3001A	Licence to perform rigging basic level
CPCCLRG3002A	Licence to perform rigging intermediate level
CPCCLSF2001A	Licence to erect, alter and dismantle scaffolding basic level
CPCCLSF3001A	Licence to erect, alter and dismantle scaffolding intermediate level
TLILIC2001A	Licence to operate a forklift truck
TLILIC3006A	Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity)

## Qualification Mapping Information

No equivalent Qualification.

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>