



Australian Government

RII20520 Certificate II in Resource Processing

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Modification History

Release	Comments
3	Superseded elective units updated
2	Superseded elective units updated
1	This qualification was first released in RII Resources and Infrastructure Industry Training Package Release 7.0.

Qualification Description

This qualification reflects the role of individuals such as entry-level operators, working in metalliferous processing facilities or coal preparation and treatment plants, who perform mainly routine operational tasks using limited practical skills and fundamental operational knowledge, in a defined context under direct supervision.

Licensing/Regulatory Information

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 = 10

- **4 core units** plus
- **6 elective units**, of which:
 - 1 must be from Group A
 - at least 4 must be from Group B

- no more than 1 may be from Group C
- no more than 1 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.

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	
<i>Unit code</i>	<i>Unit title</i>
BSBSUS211	Participate in sustainable work practices
RIICOM201E	Communicate in the workplace
RIIRIS201E	Conduct local risk control
RIIWHS201E	Work safely and follow WHS policies and procedures
Electives	
Group A	
RIIGOV201E	Comply with site work processes/procedures
RIIQUA201E	Maintain and monitor site quality standards
Group B	
<i>Unit code</i>	<i>Unit title</i>
MSL973025	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
PMAOPS343	Transfer bulk fluids into/out of storage facility
RIIERR302E	Respond to local emergencies and incidents
RIIMCP202D	Conduct rail dispatch operations
RIIMEX203D	Break oversize rock
RIIMPO206D	Conduct bulk water truck operations
RIIMPO208F	Operate support equipment
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
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
RIIPHA201D	Operate raw material feed systems

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
RIISAM212E	Service mine plant and equipment
RIISRM302E	Conduct stockpile reclaiming operations
RIISTD202E	Collect routine site samples
RIIVEH305F	Operate and maintain a four wheel drive vehicle
RIIWBP201E	Treat and dispose of rejects and tailings
RIIWBP202E	Distribute tailings
RIIWBP203E	Monitor tailings dam environments
Group C	
<i>Unit code</i>	<i>Unit title</i>
BSBTEC101	Operate digital devices
BSBTWK301	Use inclusive work practices
CPCCLSF2001	Licence to erect, alter and dismantle scaffolding basic level
RIIBEF201	Plan and organise work
RIIERR201	Conduct fire team operations
RIIERR205D	Apply initial response First Aid
RIIHAN201E	Operate a forklift
RIIHAN203E	Conduct lifting operations
RIIHAN204D	Load and unload cargo/goods
RIIHAN205D	Secure cargo
RIIHAN206E	Transport plant, equipment and personnel

RIIHAN208E	Perform dogging
RIIHAN209E	Perform basic rigging
RIIHAN210D	Perform intermediate rigging operations
RIIHAN212E	Conduct non-slewing crane operations
RIIHAN301E	Operate elevating work platform
RIIMCP301D	Monitor plant operations for coal preparation
RIIRIS202E	Respond to site based spills
RIISAM202E	Isolate and access plant
RIISAM205E	Cut, weld and bend materials
RIISAM207E	Apply operational maintenance skills
RIISAM208E	Perform plant operational maintenance
RIIWHS202	Enter and work in confined spaces
RIIWHS204	Work safely at heights
TLILIC0003	Licence to operate a forklift truck

Pre-requisite Requirements

There are no prerequisites requirements for this qualification.

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
RII20520 Certificate II in Resource Processing	RII20515 Certificate II in Resource Processing		Equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/RII>.