



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **RII50309 Diploma of Minerals Processing**

**Release: 2**

## **RII50309 Diploma of Minerals Processing**

### **Modification History**

Not applicable.

### **Description**

This qualification reflects the role of metal or coal processing facility managers who perform tasks involving a high level of autonomy and requiring the application of significant judgement in planning and determining the selection of equipment/roles/techniques for themselves and others. They are required to demonstrate the application of a broad range of technical, managerial, coordination and planning and implement mine management plans.

### **Pathways Information**

Not applicable.

### **Licensing/Regulatory Information**

Not applicable.

### **Entry Requirements**

Not applicable.

## Employability Skills Summary

The following table includes a summary of the employability skills as identified by the resources and infrastructure industry for this qualification. The table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes required here are broad industry requirements that may vary depending on packaging options.

<b>Employability Skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
Communication	<ul style="list-style-type: none"> <li>• provide clear and direct feedback</li> <li>• listen carefully to instructions and information</li> <li>• read and interpret project plans and safety signs</li> <li>• calculate basic weights, distances and volumes</li> <li>• complete accurate work plans, technical reports, risk assessments, etc</li> <li>• negotiate solutions to customer and workplace based issues</li> <li>• negotiate project details with clients</li> <li>• network with other professionals working in the same field</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>• plan and lead team performance and operations</li> <li>• coordinate project activities and timelines with clients</li> <li>• work cooperatively with people of different ages, gender, race, religion or political persuasion</li> <li>• provide feedback and advice to staff</li> <li>• lead site-wide planning and coordination activities</li> </ul>
Problem-solving	<ul style="list-style-type: none"> <li>• re-allocate staff and resources in response to changing weather, site conditions and priorities</li> <li>• manage staff to solve problems and coordinate individual responsibilities and activities</li> <li>• work cooperatively with clients to resolve contract and operational issues</li> <li>• manage the ongoing review and adjustment of operations against performance indicators and project milestones</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>• act independently to identify potential improvements to working practice and conditions</li> <li>• identify and take steps to resolve risks in the workplace</li> <li>• encourage the exploration and application of innovative approaches to improve on operational performance</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>• manage and coordinate time and priorities for self and team</li> <li>• identify and obtain appropriate personnel and resources for work</li> <li>• ensure that risks are assessed and appropriate emergency plans are in place</li> <li>• ensure that project planning incorporates the possibility of adapting to future changes</li> </ul>

Self-management	<ul style="list-style-type: none"><li>• take responsibility for ensuring team targets and goals are achieved</li><li>• understand the standard of work expected at the work site</li><li>• proactively manage team performance</li><li>• develop trust and confidence in staff and customers</li></ul>
Learning	<ul style="list-style-type: none"><li>• be willing to learn new ways of working</li><li>• seek information to improve performance from people and workplace documents like policies, procedures etc</li><li>• understand equipment characteristics, technical capabilities, limitations and procedures</li><li>• lead change and continuous improvement processes</li><li>• manage learning and development plans</li><li>• prepare and lead formal or informal training sessions</li></ul>
Technology	<ul style="list-style-type: none"><li>• apply a range of basic IT skills in monitoring and reporting on systems</li><li>• operate equipment safely and according to manufacturer and workplace guidelines</li><li>• use communications technology appropriate to the workplace (email, mobile, radio, etc)</li><li>• computer technology is used to monitor and communicate project status</li><li>• use IT to create documents and maintain records of work activities</li></ul>

## Packaging Rules

### Requirements for completion of the qualification

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

Successful completion of sixteen (16) units of competency made up of:

- eight (8) Core units, and
- eight (8) elective units of which:
  - at least six (6) must come from the Group A electives listed below
  - up to two (2) unit may come from AQF level IV, Diploma or Advanced Diploma in this, or any other Training Package or accredited course.

Units of competency chosen must

- be relevant to the competency requirements for the job function
- reflect the competency profile for the occupation at the enterprise level
- in the case of accredited course units of competency, not duplicate in part or in whole any unit from a Training Package

Care must be taken to ensure that all prerequisites specified within imported units, or units chosen as electives, are complied with.

#### Core units of competency

<i>Unit code</i>	<i>Unit title</i>
BSBCUS501A	Manage quality customer service
BSBMGT516A	Facilitate continuous improvement
RIICOM301B	Communicate information
RIIENV501A	Implement and maintain environmental management plan
RIIERR503A	Implement emergency preparedness and response systems
RIIGOV501A	Identify, implement and maintain legal compliance requirements
RIIRIS402A	Carry out risk management processes
RIIWMG501A	Implement the site water management plan

#### Group A Electives

<i>Unit code</i>	<i>Unit title</i>
BSBINM501A	Manage an information or knowledge management system
BSBINN502A	Build and sustain an innovative work environment
BSBLED501A	Develop a workplace learning environment

BSBMGT515A	Manage operational plan
BSBOHS509A	Ensure a safe workplace
BSBSUS301A	Implement and monitor environmentally sustainable work practices
BSBWOR501A	Manage personal work priorities and professional development
BSBWOR502A	Ensure team effectiveness
RIIENV502A	Undertake process or project environmental impact assessment
RIIPRO502A	Develop, implement and maintain process control systems
RIIRAI501B	Implement mine transport systems and production equipment
RIIRAI503B	Implement site services and infrastructure systems
RIISRM502A	Design stockpile formations and reclaiming systems
RIIWBP502A	Plan and monitor recycled material operations