



**Australian Government**

# **RII40420 Certificate IV in Underground Coal Operations**

**Release 2**

## RII40420 Certificate IV in Underground Coal Operations

### Modification History

Release	Comments
Release 2	<p>This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0.</p> <p>The following elective unit of competency have been deleted as directed by the AISC:</p> <ul style="list-style-type: none"> <li>• RIIUND304D Recover equipment.</li> </ul> <p>The above training product was identified as having zero enrolments over a three year period.</p> <p>Version created to reflect minor change in the packaging rules to include the following units of competency:</p> <ul style="list-style-type: none"> <li>• RIIMCU409 Apply and monitor polymeric chemical management plans.</li> </ul>
Release 1	<p>This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.</p> <p>Minor change to add the following units of competency to the elective list:</p> <ul style="list-style-type: none"> <li>• RIIRAI507D Implement the underground coal mine mechanical plant management plan</li> <li>• RIIRAI510D Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry.</li> </ul>

### Qualification Description

This qualification reflects the roles of individuals, including mine supervisors or deputies, working in underground coal mines, who perform tasks involving a broad range of day-to-day, operational activities in their area of responsibility. They are responsible for ensuring a safe work environment through applying the safety and health management system for a mine, including monitoring the quantity and quality of output, supervising others and applying solutions to non-routine problems.

### 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

**Total number of units = 14**

**10 core units** plus

**4 elective units** of which:

- one (1) must be chosen from Group A
- at least one (1) must be chosen from Group B
- no more than two (2) may be chosen from Group C
- no more than one (1) 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 RII 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>
BSBMGT401	Show leadership in the workplace
RIIERR402E	Apply and monitor underground coal mine emergency preparedness and response systems
RIIMCU403E	Apply and monitor the gas management plan
RIIMCU406E	Apply and monitor the inrush management plan
RIIMCU407E	Apply and monitor the strata management plan
RIIMCU408E	Apply the spontaneous combustion management plan
RIIMEX406D	Apply and monitor mine transport systems and production equipment
RIIRAI401D	Apply and monitor mine services and infrastructure systems
RIIRIS402E	Carry out the risk management process
RIIUND401E	Apply and monitor the ventilation management plan

<b>Electives</b>	
<b>Group A</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIBLA202F	Support underground shotfiring operations
RIIBLA302E	Conduct shotfiring operations in underground coal mines
<b>Group B</b>	
<i>Unit code</i>	<i>Unit title</i>
RIIMCU303E	Conduct continuous miner operations
RIIMCU304E	Conduct shuttle car operations
RIIMCU305E	Conduct outburst mining operations
RIIMCU306E	Conduct shearer operations
RIIMCU307E	Conduct longwall face equipment operations
RIIMCU401E	Conduct special roadway operations
RIIMCU404E	Apply and monitor the gas drainage management plan
RIIMCU405D	Apply and monitor the outburst management plan
RIIMCU409	Apply and monitor polymeric chemical management plans
RIIRAI507D	Implement the underground coal mine mechanical plant management plan
RIIRAI510D	Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry
<b>Group C</b>	
<i>Unit code</i>	<i>Unit title</i>
BSBCUS401	Coordinate implementation of customer service strategies
BSBINN301	Promote innovation in a team environment
BSBLED401	Develop teams and individuals
BSBMGT402	Implement operational plan
BSBMGT403	Implement continuous improvement
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
BSBWOR404	Develop work priorities
RIICOM301E	Communicate information

RIIERR403E	Lead rescue teams
RIILAT402E	Provide leadership in the supervision of diverse work teams
RIIRIS301E	Apply risk management processes
RIIRIS403E	Manage and coordinate spill response
RIIWHS301E	Conduct safety and health investigations

## Qualification Mapping Information

Supersedes and is equivalent to RII40415 Certificate IV in Underground Coal Operations.

## Links

Companion Volume implementation guides is found on VETNet -

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