



RII Resources and Infrastructure Training Package

Implementation Guide

**Release 11.0
May 2026**

About this Guide

This Companion Volume Implementation Guide (CVIG) supports registered training organisations (RTOs), trainers, assessors, and workplaces in understanding and implementing the RII Resources and Infrastructure Industry Training Package (version 10.0).

It contains the following:

Overview Information

Here you will find information on:

- Version control and modification history
- Coding and title conventions
- List of AQF qualifications, skill sets and units of competency in the Training Package
- Qualification mapping including an equivalence table linking old to new qualification
- Unit mapping information including an equivalence table linking old to new units of competency
- Imported and prerequisite units
- Key work and training requirements in the industry
- Regulations and licensing implications for implementation.

Implementation Information

This section is designed to assist assessors, trainers, registered training organisations (RTOs) and enterprises in implementing the training package. Here you will find information on:

- Key features of the Training Package and industry that will impact the selection of pathways
- Industry sectors and occupational outcomes
- Mandatory entry requirements
- Pathways advice
- Access and equity
- Foundation skills
- Health and safety
- Advice about the relationship between skill sets and qualifications
- Resource and equipment lists
- Legal considerations for learners in the workplace or on placement
- Other information relevant to implementation of the Training Package.

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Overview information

The RII Resources and Infrastructure Industry Training Package supports the skills development needs of Australia's mining and civil construction industries. It ensures that workers are equipped with current technical, safety, and operational skills aligned with evolving technologies and industry standards. The training package supports learners from entry-level through to advanced tradespeople and provides pathways into apprenticeships, further education, and employment.

To remain responsive to industry change, the training package is regularly reviewed and updated to reflect emerging technologies such as electric and hybrid vehicles, digital diagnostics, and advanced manufacturing processes.

Responsibility for maintaining and updating the RII Training Package is shared between two Jobs and Skills Councils:

The Australian Manufacturing Skills Alliance (AUSMASA) and BuildSkills Australia are the Job and Skills Councils (JSCs) with shared responsibility for the RII Resources and Infrastructure Industry Training Package.

Together, the JSCs provide industry-led advice to ensure RII training products remain current, fit-for-purpose and responsive to workforce needs across resources, infrastructure and civil construction sectors.

AUSMASA has stewardship responsibility for RII training products aligned to resources, mining and associated industries, while BuildSkills Australia has stewardship responsibility for RII training products aligned to civil construction, including qualifications, skill sets and units that support construction, infrastructure delivery, and on-site civil operations.

Through collaboration with employers, unions, training providers, regulators and governments, the JSCs support the ongoing maintenance and continuous improvement of RII training products to ensure a skilled, safe and sustainable workforce.

Key work and training requirements in the industry

The broad scope of the Resources and Infrastructure Industry (mining) Training Package presents both challenges and opportunities for the mining sector. Including technology advancements and electrifying the industry will force industry to adapt quickly to changing environments. As a result:

- Employers perceive an opportunity for the training package to be tailored towards retraining and reskilling those who move into the resource sector, as technical skills developed outside the sector are often not applicable.
- Stakeholders suggest that it is difficult for employers to attract and retain skilled workers in downturn periods, therefore there is opportunity for the training package to assist mining workers to transition between job roles as demand shifts.

Regulation and licensing implications for implementation

Regulation or licensing issues are identified in the *Application* section of units of competency and the *Qualification description* section of qualifications. If there are no requirements, the following statement will appear: No licensing, legislative or certification requirements apply to this unit/qualification at the time of publication.

Relevant legislation and regulatory requirements

In developing the RII Resources and Industry training package components, legislative and regulatory requirements were considered. Legislative and regulatory requirements differ between States and Territories in Australia and are subject to change. RTOs are responsible for ensuring that delivery and assessment incorporate the appropriate requirements.

Qualifications

Qualifications are created by packaging units of competency into combinations that meet workplace roles. Qualifications come with ‘packaging rules’ which set out the overall requirements for delivering the qualification, including the number of core units, and the number and source of elective units.

Qualifications are aligned to AQF qualification types. VET qualifications are at levels 1, 2, 3, 4, 5, 6, and 8 of the AQF. The AQF provides a comprehensive, nationally consistent framework for all qualifications in post-compulsory education and training in Australia. In the VET sector it assists national consistency for all trainees, learners, employers and providers by enabling national recognition of qualifications and Statements of Attainment.

For a full explanation of the AQF, see the AQF website: <http://www.aqf.edu.au>.

Qualification structure

Training Package Organising Framework, 2025.

Qualification code

Each qualification has a unique eight-character code:

- the first three letters identify the training package
- the first number identifies the qualification level
- the next two numbers identify a qualification’s position in the sequence of qualifications at that level
- the last two numbers identify the year in which the qualification was endorsed.

Qualification title

The title reflects the qualification outcomes and complies with the number of characters specified in the Australian Vocational Education and Training Management Information Statistical (AVETMIS) Standard (no more than 100 characters).

Qualification description

This field describes the qualification outcomes, together with any licensing, legislative, regulatory or certification considerations.

Entry requirements

This is an optional field that specifies any mandatory entry requirements.

Packaging rules

This field:

- specifies the total number of units of competency required to achieve the qualification
- specifies the number of core and elective units
- lists all core and elective unit codes and titles, including prerequisite units where they apply.

Qualification mapping information

This field specifies the code and title of any equivalent qualification.

Links

This field provides a link to the Companion Volume Implementation Guide.

Skill sets

Skill sets consist of one or more endorsed units of competency that have been packaged together to address a defined industry need or specific licensing or regulatory requirement. Skill sets are not qualifications.

Skill set structure

Skill sets themselves are non-endorsed components of training packages (however, they consist of endorsed units of competency). They use a standard format.

Skill set code

This is a unique code in the format: <Training package code> <SS> <five digit code> e.g. RISS00001.

Skill set name

The title reflects the skill set outcomes.

Description

This field explains how the skill set meets the industry need or regulatory requirement.

Pathways information

This field explains the skill set's relationship with a qualification.

Suggested title and words for Statement of Attainment

This field provides advice on a suitable title and words to use on a Statement of Attainment.

Target group

This field explains the types of individuals who will benefit from completing the skill set.

Links

This field provides a link to the Companion Volume Implementation Guide.

Units of competency

Units of competency are the nationally agreed statements of the skills and knowledge required for effective performance in a particular job or job function.

Units of competency describe work outcomes as agreed by industry. As such, they do not describe the procedures necessary to perform a particular role, but rather, identify the skills and knowledge, as outcomes, that contribute to the whole job function. Each unit of competency describes:

- a specific work activity and what it involves
- particular skills (and level of skills) that are needed to perform the work activity
- conditions under which the work activity may be conducted
- knowledge and skills required to perform the work activity
- foundation skills essential to performing the work activity
- how learners can show they are competent in the work activity
- performance and knowledge evidence that must be considered in assessing competency of the unit
- conditions under which evidence for assessment must be gathered.

Units of competency are not aligned to levels within the AQF because they can be included across a range of qualification levels. However, the qualification in which a unit is first packaged in a training package is indicated by the first digit in the unit code.

What is competency?

The broad concept of industry competency is the ability to perform particular tasks and duties to the standard of performance expected in the workplace.

Competency covers all aspects of workplace performance and involves:

- performing individual tasks
- managing a range of different tasks
- responding to contingencies or breakdowns
- dealing with the responsibilities of the workplace, including working with others.

Workplace competency is the ability to apply relevant skills and knowledge consistently over time and in the required workplace situations and environments.

Competency standards are determined by industry to meet industry skill needs and focus on what is expected of a competent individual in the workplace.

Unit of competency structure

Units of competency are based on templates prescribed by the *Standards for Training Packages 2025*. Under these Standards, a unit of competency comprises two separate documents, i.e. a unit of competency document and an assessment requirements document.

Unit code

Each unit of competency has a unique code, which is assigned when the training package is endorsed, or when new units of competency are added to an endorsed training package:

- the first three characters identify the training package
- the next three characters indicate the competency stream or group
- the first number indicates the AQF qualification in which the unit is first packaged
- the next two numbers identify a unit's position in the sequence of units in that competency stream or group.

Unit title

The title describes the unit outcome and complies with the length specified in the AVETMIS Standard (no more than 100 characters).

Unit application

This field describes how the unit is practically applied, who would typically use it and the unit of competency's relationship to licensing, legislative or certification requirements.

Prerequisite units

This is an optional field that specifies any unit(s) in which the learner must already be competent prior to achieving competency in this unit.

Unit sector

This field is used to categorise units of competency in relation to industry sectors or types of work.

Elements of competency

Elements of competency describe the outcomes of the significant functions and tasks that make up the competency. Elements describe actions or outcomes that are demonstrable and assessable.

Performance criteria

Performance criteria specify the required performance in relevant tasks, roles, skills (including foundation skills) and the applied knowledge that enables competent performance.

Foundation skills

This field describes the language, literacy, numeracy and employment skills that are essential to performance.

Range of conditions

This is an optional field that specifies different work environments and conditions that may affect performance. Range is restricted to essential operating conditions and any other variables essential to the work environment, so it is quite different from the previous Range statement.

Links

This field provides a link to the Companion Volume Implementation Guide.

Assessment requirements

Title

This field uses the format: Assessment Requirements for [Unit of Competency Code and Title]

Performance evidence

Performance evidence, as the name implies, specifies what individuals must do to show that they satisfy the performance standards in the unit of competency.

Knowledge evidence

Knowledge evidence, as the name implies, specifies what individuals must know in order to carry out the work tasks described in the unit of competency safely and effectively.

Assessment conditions

This field describes mandatory conditions for assessment, e.g. details of equipment and materials; contingencies; physical conditions; relationships with other people; timeframes. It also specifies assessor requirements.

Links

This field provides a link to the Companion Volume Implementation Guide.

Contextualisation of units of competency by RTOs

RTOs may contextualise units of competency to reflect local skill needs. Contextualisation could involve additions or amendments to the unit of competency to suit particular delivery methods, learner profiles, or specific enterprise requirements. Any contextualisation must ensure the integrity of the outcome of the unit of competency is maintained.

Industry requirements, as described in training or job specifications, can be used to contextualise a unit of competency.

Mapping to previous version of the training package

Mapping information can be useful for delivery and assessment as it:

- explains the extent of changes to assist users in identifying how previous training materials can be adapted
- shows whether the outcomes of the previous and current versions are equivalent or not equivalent
- shows newly created components as well as any components deleted from the training package.

Key to mapping tables below

| | | |
|----|----------------|--|
| E | Equivalent | Where the workplace outcomes of the superseded and superseding training package components are equivalent. |
| NA | Not applicable | Where mapping information is not applicable. Minor updates do not require an equivalence determination. |
| NE | Not equivalent | Where a training package component is superseded, and the workplace outcome of the component has changed. |
| NC | Newly created | Where the training package component has been created to address an emerging skill or task required by industry. |
| D | Deleted | Where a training package component is deleted as the skill or task is no longer required by industry. |

The 'Compare Content Tool' available on the *training.gov.au* (TGA) website allows users to access more detailed information on changes between training product versions. To watch a video on how to use this tool visit <https://www.youtube.com/watch?v=EjhNe3Bu0H4>

List of AQF Qualifications, Skill Sets and Units of Competency

RII Version 11.0: list of Qualifications and Mapping

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|-----------------|---|---------------------------|----------------|---|
| RII10115 | Certificate I in Resources and Infrastructure Operations | Shared | RII10113 | Certificate I in Resources and Infrastructure Operations | E | 3 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII20120 | Certificate II in Resources and Infrastructure Work Preparation | Shared | RII20115 | Certificate II in Resources and Infrastructure Work Preparation | E | 4 | This version was released with RII Resources and infrastructure Training Package version 11.0. Superseded elective units updated |
| RII20220 | Certificate II in Surface Extraction Operations | AUSMASA | RII20215 | Certificate II in Surface Extraction Operations | E | 2 | Superseded elective units updated |
| RII20320 | Certificate II in Underground Coal Mining | AUSMASA | RII20315 | Certificate II in Underground Coal Mining | NE | 3 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Superseded elective units updated |
| RII20420 | Certificate II in Underground Metalliferous Mining | AUSMASA | RII20415 | Certificate II in Underground Metalliferous Mining | E | 2 | Superseded elective units updated |
| RII20520 | Certificate II in Resource Processing | AUSMASA | RII20515 | Certificate II in Resource Processing | E | 3 | This version first released with RII Resources and Infrastructure |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|----------------------|--|---------------------------|----------------|---|
| | | | | | | | Industry Training Package Version 11.0. Superseded elective units updated |
| RII20620 | Certificate II in Mining/Field Exploration | AUSMASA | RII20615 | Certificate II in Mining / Field Exploration | E | 4 | Superseded elective units updated |
| RII20720 | Certificate II in Civil Construction | BuildSkills | RII20715 | Certificate II in Civil Construction | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII20819 | Certificate II in Bituminous Surfacing | BuildSkills | RII20815 | Certificate II in Bituminous Surfacing | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII20920 | Certificate II in Drilling Operations | AUSMASA | RII20915 | Certificate II in Drilling Operations | E | 4 | Superseded elective units updated |
| RII21120 | Certificate II in Oil & Gas Drilling (Onshore) and Well Servicing | AUSMASA | RII21115 RII21215 | Certificate II in Drilling Oil/Gas (On shore) Certificate II in Well Servicing Operations | NE | 5 | Superseded elective units updated |
| RII21222 | Certificate II in Autonomous Workplace Operations | Shared | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. Newly created qualification. |
| RII30120 | Certificate III in Surface Extraction Operations | AUSMASA | RII30115 | Certificate III in Surface Extraction Operations | E | 3 | Superseded elective units updated |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|-----------------|---|---------------------------|----------------|---|
| RII30220 | Certificate III in Underground Coal Operations | AUSMASA | RII30218 | Certificate III in Underground Coal Operations | E | 4 | Superseded elective units updated |
| RII30320 | Certificate III in Underground Metalliferous Mining | AUSMASA | RII30315 | Certificate III in Underground Metalliferous Mining | E | 3 | Superseded elective units updated |
| RII30420 | Certificate III in Resource Processing | AUSMASA | RII30415 | Certificate III in Resource Processing | E | 2 | Superseded elective units updated |
| RII30520 | Certificate III in Mining Exploration | AUSMASA | RII30515 | Certificate III in Mining Exploration | E | 4 | Superseded elective units updated |
| RII30726 | Certificate III in Emergency Response and Rescue | Shared | RII30719 | Certificate III in Emergency Response and Rescue | NE | 1 | <p>This version was released with RII Resources and Infrastructure Training Package version 11.0. Updates to Packaging Rules to include 1 additional elective unit of competency.</p> <p>Updates to Packaging Rules to reconfigure Group A, Group B and Group C electives.</p> <p>Superseded and equivalent core units updated:</p> <ul style="list-style-type: none"> • RIICOM201E Communicate in the workplace • RIIWHS201E Work safely and follow WHS policies and procedures <p>Core unit updated and equivalent:</p> <ul style="list-style-type: none"> • RIIRIS301 Apply risk management processes |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|--|----------------|-----------------|--|---------------------------|----------------|---|
| | | | | | | | Elective bank revised to add, remove, and update elective units. |
| RII30826 | Certificate III in Civil Construction – Plant Operations | BuildSkills | RII30820 | Certificate III in Civil Construction Plant Operations | E | 1 | This version is released with RII Resources and Infrastructure Training Package version 11.0. Version classified as ‘Major Change’ due to core unit updates. Revisions to unit content and associated assessment requirements (Application, Elements, Performance Criteria, Performance Evidence, Knowledge Evidence and/or Assessment Conditions). No change to employment outcomes or AQF level. Superseded imported units updated. |
| RII30926 | Certificate III in Civil Construction | BuildSkills | RII30920 | Certificate III in Civil Construction | E | 1 | This version is released with RII Resources and Infrastructure Training Package version 11.0. Version classified as ‘Major Change’ due to core unit updates. Revisions to unit content and associated assessment requirements (Application, Elements, Performance Criteria, Performance Evidence, Knowledge Evidence and/or Assessment Conditions). No change to employment outcomes or |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|-----------------|---|---------------------------|----------------|--|
| | | | | | | | AQF level. Superseded imported units updated. |
| RII31220 | Certificate III in Civil Foundations | BuildSkills | RII31215 | Certificate III in Civil Foundations | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII31619 | Certificate III in Trenchless Technology | BuildSkills | RII31615 | Certificate III in Trenchless Technology | E | 3 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII31820 | Certificate III in Drilling Operations | AUSMASA | RII31815 | Certificate III in Drilling Operations | E | 4 | Superseded elective units updated |
| RII32026 | Certificate III in Drilling Oil & Gas (Onshore) | AUSMASA | RII32020 | Certificate III in Drilling Oil & Gas (Onshore) | E | 1 | This version was released with RII Resources and infrastructure Training Package version 10.0. Superseded and equivalent core units updated: BSBFLM303 updated to BSBLDR301 BSBWHS301 updated to BSBWHS311 Superseded and equivalent elective unit updated: TAEDEL301 updated to TAEDEL311 |
| RII32226 | Certificate III in Well Servicing Operations | AUSMASA | RII32220 | Certificate III in Well Servicing Operations | E | 1 | This version was released with RII Resources and infrastructure Training Package version 10.0. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|-----------------|---|---------------------------|----------------|--|
| | | | | | | | Superseded and equivalent core units updated: BSBFLM303 updated to BSBLDR301 BSBWHS301 updated to BSBWHS311 Superseded and equivalent elective unit updated: TAEDEL301 updated to TAEDEL311 |
| RII40120 | Certificate IV in Surface Extraction Operations | AUSMASA | RII40115 | Certificate IV in Surface Extraction Operations | E | 3 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Superseded elective units updated |
| RII40226 | Certificate IV in Surface Coal Mining (Open Cut Examiner) | AUSMASA | RII40220 | Certificate IV in Surface Coal Mining (Open Cut Examiner) | E | 1 | This version was released with RII Resources and infrastructure Training Package version 10.0. Superseded and equivalent core units updated: BSBMGT401 updated to BSBLDR411 BSBSUS401 updated to BSBSUS411 Superseded and equivalent elective units updated: BSBINM401 updated to BSBINS402 BSBINN301 updated to BSBSTR401 BSBWOR404 updated to BSBPEF402 Superseded and non-equivalent elective units updated: |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|-----------------|---|---------------------------|----------------|--|
| | | | | | | | BSBMGT402 updated to BSBOPS402 TAEASS402 updated to TAEASS412 |
| RII40320 | Certificate IV in Underground Metalliferous Mining Operations | AUSMASA | RII40315 | Certificate IV in Metalliferous Mining Operations (Underground) | E | 3 | Superseded elective units updated |
| RII40426 | Certificate IV in Underground Coal Operations | AUSMASA | RII40420 | Certificate IV in Underground Coal Operations | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Superseded elective units updated |
| RII40520 | Certificate IV in Resource Processing | AUSMASA | RII40515 | Certificate IV in Resource Processing | E | 4 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Superseded elective units updated |
| RII40720 | Certificate IV in Civil Construction | BuildSkills | RII40715 | Certificate IV in Civil Construction Supervision | E | 3 | This version first released with RII Resources and Infrastructure Training Package version 11.0. Current release version classified as 'Minor Change' due to elective unit updates only. Revisions to unit content and associated assessment requirements (Application, Elements, Performance Criteria, Performance Evidence, Knowledge Evidence and/or Assessment Conditions). |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|--|----------------|-----------------|--|---------------------------|----------------|---|
| | | | | | | | No change to employment outcomes or AQF level. Superseded imported units updated. |
| RII40820 | Certificate IV in Civil Construction Design | BuildSkills | RII40815 | Certificate IV in Civil Construction Design | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII40920 | Certificate IV in Drilling Operations | AUSMASA | RII40915 | Certificate IV in Drilling Operations | E | 4 | Superseded elective units updated |
| RII41126 | Certificate IV in Drilling Oil & Gas (Onshore) | AUSMASA | RII41120 | Certificate IV in Drilling Oil & Gas (Onshore) | E | 1 | This version was released with RII Resources and infrastructure Training Package version 10.0. Superseded and equivalent core units updated: BSBLDR403 updated to BSBLDR414 Superseded and equivalent elective units updated: BSBCUS401 updated to BSBOPS404 BSBLED401 updated to BSBHRM413 TAEDEL301 updated to TAEDEL311 |
| RII41226 | Certificate IV in Well Servicing Operations | AUSMASA | RII41220 | Certificate IV in Well Servicing Operations | E | 1 | This version was released with RII Resources and infrastructure Training Package version 10.0. Superseded and equivalent core units updated: BSBLDR403 updated to BSBLDR414 |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|---|----------------|-----------------|---|---------------------------|----------------|---|
| | | | | | | | Superseded and equivalent elective units updated: BSBLED401 updated to BSBHRM413 TAEDEL301 updated to TAEDEL311 |
| RII41326 | Certificate IV in Emergency Response Coordination | Shared | RII41319 | Certificate IV in Emergency Response Coordination | E | 1 | Superseded and equivalent core unit of competency updated: <ul style="list-style-type: none"> BSBLDR411 Demonstrate leadership in the workplace <p>Added entry requirements into qualification - RII30726 Certificate III in Emergency Response and Rescue</p> <p>As a result of entry requirements, removed core unit of competency: <ul style="list-style-type: none"> HLTAID014 Provide Advanced First Aid </p> <p>Elective bank revised to include new and updated units.</p> |
| RII41421 | Certificate IV in Civil Infrastructure Asset Management | BuildSkills | N/A | N/A | | 2 | Release 2: This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Omitted Packaging Rules added to qualification. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|--|----------------|-----------------|--|---------------------------|----------------|--|
| RII41522 | Certificate IV in Autonomous Control and Remote Operations | Shared | N/A | N/A | | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. Newly created qualification. |
| RII50120 | Diploma of Surface Operations Management | AUSMASA | RII50115 | Diploma of Surface Operations Management | E | 2 | Superseded elective units updated |
| RII50326 | Diploma of Minerals Processing | AUSMASA | RII50315 | Diploma of Minerals Processing | E | 1 | This version was released with RII Resources and infrastructure Training Package version 10.0. Superseded and equivalent core units updated: BSBCUS501 updated to BSBOPS505 BSBMGT516 updated to BSBSTR502 RIIENV501D updated to RIIENV501E RIIGOV501D updated to RIIGOV501E Superseded and equivalent elective units updated: BSBINM501 updated to BSBINS501 BSBMGT517 updated to BSBOPS502 BSBSUS401 updated to BSBSUS411 BSBWHS501 updated to BSBWHS521 BSBWOR502 updated to BSBTWK502 RIILAT402D updated to RIILAT402E |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|--|----------------|-----------------|--|---------------------------|----------------|---|
| | | | | | | | RIIRIS403D updated to RIIRIS403E Superseded and non-equivalent elective units updated: BSBINN502 updated to BSBSTR501 BSBLED501 updated to BSBHRM523 BSBWOR501 updated to BSBPEF501 |
| RII50420 | Diploma of Civil Construction Management | BuildSkills | RII50415 | Diploma of Civil Construction Management | E | 3 | This version was released with RII Resources and Infrastructure Industry Training Package Version 8.0. Qualification updated to house new and existing units of competency to allow learners to access training relevant to civil infrastructure asset management. |
| RII50520 | Diploma of Civil Construction Design | BuildSkills | RII50515 | Diploma of Civil Construction Design | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII50620 | Diploma of Drilling Operations | AUSMASA | RII50615 | Diploma of Drilling Operations | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII50820 | Diploma of Drilling Oil & Gas (Onshore) | AUSMASA | RII50815 | Diploma of Drilling Oil & Gas (On shore) | E | 3 | Superseded elective units updated |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|--|----------------|-----------------|--|---------------------------|----------------|---|
| RII50920 | Diploma of Underground Coal Mining Management | AUSMASA | RII50915 | Diploma of Underground Coal Mining Management | E | 3 | Superseded elective units updated |
| RII51020 | Diploma of Well Servicing Operations | AUSMASA | RII51015 | Diploma of Well Servicing Operations | E | 4 | Superseded elective units updated |
| RII60120 | Advanced Diploma of Metalliferous Mining | AUSMASA | RII60115 | Advanced Diploma of Metalliferous Mining | E | 2 | This version was released with RII Resources and Infrastructure Industry Training Package Version 7.1. This release removed deleted unit RIIRAI612D and amended packaging rules. |
| RII60220 | Advanced Diploma of Extractive Industries Management | AUSMASA | RII60215 | Advanced Diploma of Extractive Industries Management | NE | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RII60320 | Advanced Diploma of Underground Coal Mining Management | AUSMASA | RII60315 | Advanced Diploma of Underground Coal Mining Management | E | 4 | Superseded elective units updated |
| RII60415 | Advanced Diploma of Drilling Management | AUSMASA | RII60413 | Advanced Diploma of Drilling Management | E | 5 | Superseded elective units updated |
| RII60520 | Advanced Diploma of Civil Construction Design | BuildSkills | RII60515 | Advanced Diploma of Civil Construction Design | E | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RII60620 | Advanced Diploma of Civil Construction | BuildSkills | RII60615 | Advanced Diploma of Civil Construction | | 3 | This version was released with RII Resources and Infrastructure Training Package version 7.1. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Qualification Equivalency | Release Number | Notes |
|----------|--|----------------|-----------------|--|---------------------------|----------------|---|
| | | | | | | | Version created to fix typographical errors. |
| RII60726 | Advanced Diploma of Surface Coal Mining Management | AUSMASA | RII60720 | Advanced Diploma of Surface Coal Mining Management | E | 1 | <p>This version was released with RII Resources and infrastructure Training Package version 10.0.</p> <p>Superseded and non-equivalent core unit updated: RIIBLA602D updated to non-equivalent unit RIIBLA602E</p> <p>Superseded and equivalent elective units updated: BSBFIM501 updated to BSBFIN501 BSBINM601 updated to BSBINS601 BSBMGT605 updated to BSBLDR602 BSBMGT608 updated to BSBSTR601 BSBMGT616 updated to BSBSTR602 BSBMGT617 updated to BSBOPS601</p> <p>Superseded and non-equivalent elective units updated: BSBPMG609 updated to BSBPMG537</p> |

RII Version 11.0: list of Skill Sets and Mapping

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|------------------|------------------------|----------------|--|
| RIISS00018 | Concrete Paving - Automated Paving Guidance System (APGS) Technician Skill Set | BuildSkills | N/A | N/A | N/A | 4 | This version was first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00019 | Concrete Paving - Finisher Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00020 | Concrete Paving - General Hand Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00021 | Concrete Paving - Hand Texturing and Curing Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|------------------|------------------------|----------------|--|
| | | | | | | | Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00022 | Concrete Paving - Joint Sealer Skill Set | BuildSkills | N/A | N/A | N/A | 6 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00023 | Concrete Paving - Machine Operator Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00024 | Concrete Paving - Saw Cutter Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|------------------|------------------------|----------------|--|
| | | | | | | | Substituting superseded units of competency with updated equivalent units. |
| RIISS00025 | Concrete Paving - Spotter Recorder Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00026 | Concrete Paving - Stringliner Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00027 | Concrete Paving - Texture Machine Operator Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|------------------|------------------------|----------------|--|
| RIISS00028 | Concrete Paving - Tie Bar Inserter Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00029 | Leading Hand - Coal Mining Skill Set | AUSMASA | N/A | N/A | E | 5 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 811.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00030 | Explosion Protected Diesel Engine Systems Maintenance Skill Set | AUSMASA | N/A | N/A | N/A | 1 | This version was released with RII Resources and Infrastructure Training Package version 1.0 |
| RIISS00031 | Mine Surveying Skill Set | Shared | N/A | N/A | N/A | 4 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|--|------------------------|----------------|--|
| RIISS00032 | Site Health and Safety Coordinator Skill Set | Shared | N/A | N/A | N/A | 4 | <p>This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0.</p> <p>Substituting superseded units of competency with updated equivalent units.</p> |
| RIISS00133 | Underground Mine Safety Skill Set | AUSMASA | RIISS00033 | Underground Coal Mine Safety Skill Set | E | 4 | <p>This version first released with the RII Resources and Infrastructure Industry Training Package Version 11.0.</p> <p>Updates to the title, pathways information and target group</p> <p>Replaced RIIERR205D Apply initial response First Aid with HLTAID011 Provide First Aid</p> <p>HLT First Aid units are nationally recognised units of competency and accepted standard in this field.</p> |
| RIISS00134 | Surface Mine Safety Skill Set | Shared | RIISS00034 | Surface Coal Mine Safety Skill Set | E | 5 | <p>This version first released with the RII Resources and Infrastructure Industry Training Package Version 11.0.</p> <p>Updates to the title and target group</p> |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|------------------|------------------------|----------------|--|
| | | | | | | | Replaced RIERR205D Apply initial response First Aid with HLTAID011 Provide First Aid HLT First Aid units are nationally recognised units of competency and accepted standard in this field. |
| RIISS00035 | Underground Shotfiring - Coal Skill Set | AUSMASA | N/A | N/A | D | | Skill set deleted |
| RIISS00036 | Underground Shotfiring - Metalliferous Skill Set | AUSMASA | N/A | N/A | N/A | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00038 | Oil and Gas (Off Shore) Rouseabout Skill Set | AUSMASA | N/A | N/A | N/A | 4 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00042 | Work Zone Traffic Control - Road Labourer Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|------------------|------------------------|----------------|--|
| | | | | | | | Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00043 | Work Zone Traffic Control - Supervisor Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00046 | Leading Hand Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00047 | Stabiliser Support Staff Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|------------------|------------------------|----------------|--|
| | | | | | | | Substituting superseded units of competency with updated equivalent units. |
| RIISS00048 | Operator of Stabiliser Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00049 | Operator of Spreader Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00050 | Operator of Stabiliser (using foam bitumen) Skill Set | BuildSkills | N/A | N/A | N/A | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|--|------------------------|----------------|--|
| RIISS00051 | Supervision of Diverse Work Teams Skill Set | Shared | RIISS00039 | Supervision of Indigenous Employees Skill Set | E | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 11.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00052 | Surface Shotfiring Skill Set | Shared | RIISS00037 | Surface Shotfiring Skill Set | E | 3 | Update to the unit bank. Removal of the unit RIIBLA201D Support Shotfiring Operations. |
| RIISS00053 | Advanced off-the-road and earthmoving tyre fitting | Shared | N/A | N/A | N/A | 3 | Updated to reflect the following current versions of superseded units of competency: <ul style="list-style-type: none"> RIICOM301E Communicate information RIIRIS401E Apply site risk management system RIIWHS301E Conduct safety and health investigations. |
| RIISS00054 | Traffic Controller Skill Set | BuildSkills | RIISS00044 | Work Zone Traffic Control - Traffic Controller Skill Set | NE | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|---|------------------------|----------------|--|
| RIISS00055 | Traffic Management Implementer Skill Set | BuildSkills | RIISS00041 | Work Zone Traffic Control - Implement Traffic Control Guidance Plan Skill Set | NE | 3 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00056 | Traffic Management Designer Skill Set | BuildSkills | RIISS00045 | Work Zone Traffic Control Guidance Plan - Developer Skill Set | NE | 2 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Substituting superseded units of competency with updated equivalent units. |
| RIISS00057 | Construction Materials Testing Skill Set | Shared | N/A | N/A | N/A | 2 | This version was released with RII Resources and Infrastructure Training Package version 7.0. Version created to fix typographical and/or unit grid errors. |
| RIISS00058 | Traffic Controller Skill Set for Urban Streets and Low Volume Rural Roads Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. This version has been updated in consultation with the Industry Reference Committee |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|------------------|------------------------|----------------|---|
| RIISS00059 | Traffic Controller Skill Set for High Volume Roads Skill Set | BuildSkills | N/A | N/A | N/A | 2 | <p>This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0.</p> <p>This version has been updated in consultation with the Industry Reference Committee.</p> |
| RIISS00060 | Traffic Management Implementer Skill Set for Urban Streets and Low Volume Rural Roads Skill Set | BuildSkills | N/A | N/A | N/A | 2 | <p>This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0.</p> <p>This version has been updated in consultation with the Industry Reference Committee.</p> |
| RIISS00061 | Traffic Management Implementer Skill Set for High Volume Roads Skill Set | BuildSkills | N/A | N/A | N/A | 2 | <p>This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0.</p> <p>This version has been updated in consultation with the Industry Reference Committee.</p> |
| RIISS00062 | Traffic Management Implementer Skill Set for Motorways and Freeways Skill Set | BuildSkills | N/A | N/A | N/A | 2 | <p>This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0.</p> |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|------------------|------------------------|----------------|--|
| | | | | | | | This version has been updated in consultation with the Industry Reference Committee. |
| RIISS00063 | Traffic Management Designer Skill Set for Urban Streets and Low Volume Rural Roads Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. This version has been updated in consultation with the Industry Reference Committee. |
| RIISS00064 | Traffic Management Designer Skill Set for High Volume Roads Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. This version has been updated in consultation with the Industry Reference Committee. |
| RIISS00065 | Traffic Management Designer Skill Set for Motorways and Freeways Skill Set | BuildSkills | N/A | N/A | N/A | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. This version has been updated in consultation with the Industry Reference Committee. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|------------------|------------------------|----------------|---|
| RIISS00066 | Civil Infrastructure Asset Management - Road Pavements Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00067 | Civil Infrastructure Asset Management - Roadside Infrastructure Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00068 | Civil Infrastructure Asset Management - Stormwater Drainage Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00069 | Civil Infrastructure Asset Management - Civil Structures Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00070 | Civil Infrastructure Asset Management - Civil Foundations Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00071 | Civil Infrastructure Asset Management - Water and Sewerage Mains Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00072 | Civil Infrastructure Asset Management - | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | Skill Sets Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|------------------|------------------------|----------------|---|
| | Underground Services Skill Set | | | | | | Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00073 | Civil Infrastructure Asset Management - Open Spaces Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00074 | Civil Infrastructure Asset Management - Analyse Data for Asset Management Decision Making Skill Set | BuildSkills | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |
| RIISS00075 | Work with Data in an Autonomous Workplace Skill Set | Shared | N/A | N/A | N/A | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created skill set. |

RII Version 11.0: List of Units of Competency (UoC) and Mapping

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|-----------|---|----------------|-----------------|------------------|-----------------|----------------|--|
| RIIARO201 | Work in autonomous operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO202 | Use data and technology to complete work in autonomous operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|-----------|---|----------------|-----------------|------------------|-----------------|----------------|--|
| RIIARO301 | Work safely in autonomous environments | Shared | N/A | N/A | N/A | 2 | First released in RII Resources and Infrastructure Industry Training Package version 9.0 Minor changes to the two knowledge evidence items |
| RIIARO302 | Work safely with remotely piloted aircraft systems | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 7.0 |
| RIIARO303 | Operate equipment in autonomous environments | Shared | N/A | N/A | N/A | 2 | First released in RII Resources and Infrastructure Industry Training Package version 9.0 Minor changes to the two knowledge evidence items |
| RIIARO304 | Coordinate and interact with autonomous systems | Shared | N/A | N/A | N/A | 2 | First released in RII Resources and Infrastructure Industry Training Package version 9.0 Minor changes to the two knowledge evidence items |
| RIIARO305 | Build and maintain routes for autonomous operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 7.0 |
| RIIARO306 | Respond to obstructions to autonomous operations | Shared | N/A | N/A | N/A | 2 | First released in RII Resources and Infrastructure Industry Training Package version 9.0 Minor changes to the two knowledge evidence items |
| RIIARO307 | Activate and deactivate autonomous systems | Shared | N/A | N/A | N/A | 2 | First released in RII Resources and Infrastructure Industry Training Package version 9.0. Minor changes to the two knowledge evidence items |
| RIIARO308 | Use data in an autonomous workplace | Shared | N/A | N/A | N/A | 1 | New UoC First released in RII Resources and Infrastructure Industry Training Package version 9.0 |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|-----------|--|----------------|-----------------|------------------|-----------------|----------------|---|
| RIIARO401 | Supervise autonomous operations | Shared | N/A | N/A | N/A | 2 | First released in RII Resources and Infrastructure Industry Training Package version 9.0 Minor changes to the two knowledge evidence items |
| RIIARO402 | Optimise performance of complex control systems in autonomous operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO403 | Maintain continuity of operational control | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO404 | Improve outcomes within a distributed value chain network | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO405 | Optimise automated drilling operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO406 | Optimise automated haulage operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO407 | Optimise automated fixed plant operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO408 | Optimise automated wet processing plant operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO409 | Optimise automated in-loading and out-loading operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIARO410 | Control safety risks in autonomous operations | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package 9.0 |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|-----------|------------------------------|----------------|-----------------|------------------------|-----------------|----------------|---|
| RIIARO411 | Manage situational awareness | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIBEF201 | Plan and organise work | Shared | RIIBEF201E | Plan and organise work | E | 1 | <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Rewording of PCs for consistency, using concise action verbs and tasks consistent with standard site terminology. · Alignment of work activities with the relevant legislative requirements other relevant procedures or requirements applicable to each work activity (e.g. SWMS, worksite instructions, manufacturer instructions, WHS requirements etc.). · Clarification of scope of responsibility in PC 1.3. · Delete irrelevant PC 2.2 which is encompassed under PC 4.3. <p>Relocate PC 3.2 under the correct Element (2) and reword according to industry requirements.</p> <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Minor grammatical changes. · Alignment with amendments to PCs regarding references to legislative and/or workplace requirements. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Alignment with changes made regarding references to legislative and/or workplace requirements. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|--|-----------------|----------------|---|
| | | | | | | | <p>“Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.”</p> <ul style="list-style-type: none"> · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. · Simplification of remaining wording to align with industry requirements. |
| RIIBEF202E | Identify and rectify site operating problems | Shared | RIIBEF202D | Identify and rectify site operating problems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBEF301D | Run on-site operations | Shared | RIIBEF301A | Run on-site operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm |
| RIIBEF302E | Monitor site production activities | Shared | RIIBEF302D | Monitor site production activities | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBEF401E | Manage non-routine and complex technical situations | Shared | RIIBEF401D | Manage non-routine, complex technical situations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBEF402D | Supervise on-site operations | Shared | RIIBEF402A | Supervise on-site operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|---|-----------------|----------------|---|
| RIIBEF403 | Collaborate to achieve quality outcomes | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIBEF404 | Undertake informed and dynamic decision making | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIBEF405 | Optimise personal performance | Shared | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIIBEF601E | Conduct business negotiations | Shared | RIIBEF601D | Conduct business negotiations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBEF602E | Establish and evaluate operational performance management systems | Shared | RIIBEF602D | Establish and evaluate operational performance management systems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBEF604E | Conduct a feasibility study | Shared | RIIBEF604D | Conduct a feasibility study | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBHD301E | Conduct surface blast hole drilling operations | AUSMASA | RIIBHD301D | Conduct surface blast hole drilling operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBHD302E | Conduct underground development drilling | AUSMASA | RIIBHD302D | Conduct underground development drilling | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBHD303E | Conduct long hole drilling | AUSMASA | RIIBHD303D | Conduct long hole drilling | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIIBHD401D | Supervise blast hole drilling operations | AUSMASA | RIIBHD401A | Supervise blast hole drilling operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|--|-----------------|----------------|--|
| RIIBLA201E | Support shotfiring operations | Shared | RIIBLA201D | Support shotfiring operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA202F | Support underground shotfiring operations | AUSMASA | RIIBLA202E | Support underground shotfiring operations | E | 1 | Minor updates to all sections to reflect operator's role. First released in RII Resources and Infrastructure Industry Training Package version 3.0 |
| RIIBLA203E | Conduct mobile mixing of explosives | AUSMASA | RIIBLA203D | Conduct mobile mixing of explosives | E | 1 | Minor updates to all sections to reflect operator's role. First released in RII Resources and Infrastructure Industry Training Package version 3.0 |
| RIIBLA204E | Store, handle and transport explosives in underground coal mines | AUSMASA | RIIBLA204D | Store, handle and transport explosives in underground coal mines | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA205E | Store, handle and transport explosives | Shared | RIIBLA205D | Store, handle and transport explosives | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA301E | Conduct surface shotfiring operations | Shared | RIIBLA301D | Conduct surface shotfiring operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA302E | Conduct shotfiring operations in underground coal mines | AUSMASA | RIIBLA302D | Conduct shotfiring operations in underground coal mines | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA303E | Conduct underground development shotfiring | AUSMASA | RIIBLA303D | Conduct underground development shotfiring | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA304E | Conduct underground production shotfiring | AUSMASA | RIIBLA304D | Conduct underground production shotfiring | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA305E | Conduct secondary blasting | AUSMASA | RIIBLA305D | Conduct secondary blasting | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA307E | Conduct a blast survey | Shared | RIIBLA307D | Conduct a blast survey | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA401E | Manage blasting operations | Shared | RIIBLA401D | Manage blasting operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|--|
| RIIBLA402E | Monitor and control the effects of blasting on the environment | Shared | RIIBLA402D | Monitor and control the effects of blasting on the environment | E | 1 | First released in RII Resources and Infrastructure Industry Training Package v 5.0 |
| RIIBLA403 | Design blasts | Shared | RIIBLA601E | Design blasts | E | 2 | Minor amendment to Performance Criteria to correct typographical error. |
| RIIBLA602E | Establish and maintain explosives safety and security management systems | AUSMASA | RIIBLA602D | Establish and maintain a blasting system | NE | 1 | First released in RII Resources and Infrastructure Industry Training Package version 7.0 |
| RIICAM401 | Conduct a condition assessment of road pavements | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM402 | Conduct a condition assessment of roadside infrastructure | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM403 | Conduct a condition assessment of stormwater drainage | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM404 | Conduct a condition assessment of civil structures | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM405 | Conduct a condition assessment of civil foundations | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM406 | Conduct a condition assessment of water and sewerage mains | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM407 | Conduct a condition assessment of underground services | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |

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| RIICAM408 | Conduct a condition assessment of open spaces | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM409 | Manage civil infrastructure datasets | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM410 | Maintain asset inventories | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM501 | Analyse and interpret civil infrastructure asset datasets | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAM502 | Make decisions using civil infrastructure asset data | BuildSkills | N/A | N/A | N/A | 1 | New UoC . First released in RII Resources and Infrastructure Industry Training Package version 8.0 |
| RIICAR301D | Rehabilitate exploration site | AUSMASA | RIICAR301A | Rehabilitate exploration site | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIICAR302D | Rehabilitate small mine site | AUSMASA | RIICAR302A | Rehabilitate small mine site | E | 2 | Editorial corrections. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIICBM201E | Strip pile heads | BuildSkills | RIICBM201D | Strip pile heads | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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| RIICBM301E | Maintain concrete bridges | BuildSkills | RIICBM301D | Maintain concrete bridges | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBM302E | Install pre-cast girders | BuildSkills | RIICBM302D | Install pre-cast girders | NE | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBM303E | Install pre-cast parapets | BuildSkills | RIICBM303D | Install pre-cast parapets | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBM304E | Operate bridge inspection units | BuildSkills | RIICBM304D | Operate a bridge inspection unit | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBM305E | Install pre-cast concrete bridge decks | BuildSkills | RIICBM305D | Install pre-cast concrete bridge decks | NE | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBM306E | Undertake concreting work on concrete bridges | BuildSkills | RIICBM306D | Undertake concreting work on concrete bridges | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBM307E | Construct formwork and false work on concrete bridges | BuildSkills | RIICBM307D | Construct formwork and false work on concrete bridges | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICBS202E | Hand spread asphalt | BuildSkills | RIICBS202D | Hand spread asphalt | E | 2 | Minor change to knowledge evidence. |
| RIICBS203E | Safely handle bituminous materials | BuildSkills | RIICBS203D | Safely handle bituminous materials | E | 2 | Minor change to knowledge evidence. |
| RIICBS207E | Take samples of road surfacing materials | BuildSkills | RIICBS207D | Take samples of materials used in road surfacing | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS301E | Conduct profile planer operations | BuildSkills | RIICBS301D | Conduct profile planer operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS302E | Conduct paver screeding operations | BuildSkills | RIICBS302D | Conduct paver screeding operations | E | 2 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge |

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| | | | | | | | Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS303E | Conduct materials transfer vehicle operations | BuildSkills | RIICBS303D | Conduct materials transfer vehicle operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS304E | Compact asphalt with rollers | BuildSkills | RIICBS304D | Compact asphalt with rollers | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS305E | Conduct asphalt paver operation | BuildSkills | RIICBS305D | Conduct asphalt paver operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS306E | Conduct micro surfacing operations | BuildSkills | RIICBS306D | Conduct slurry sealing operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS307E | Conduct bitumen sprayer operations | BuildSkills | RIICBS307D | Conduct bitumen sprayer operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS308E | Load aggregate using purpose built loaders | BuildSkills | RIICBS308D | Load aggregate using a purpose built loader | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |

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| RIICBS309E | Conduct self-propelled aggregate spreader operations | BuildSkills | RIICBS309D | Conduct self-propelled aggregate spreader operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS310E | Conduct patching operations | BuildSkills | RIICBS310D | Conduct patching operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS311E | Produce asphalt products | BuildSkills | RIICBS311D | Produce asphalt products | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS312E | Conduct bitumen tanker operations | BuildSkills | RIICBS312D | Conduct bitumen tanker operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS313 | Conduct tack coat spraying operations | BuildSkills | RIICBS201D | Conduct tack coat spraying operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS314 | Conduct aggregate spreader box operations | BuildSkills | RIICBS204D | Conduct aggregate spreader box operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS315 | Roll aggregate in sprayed sealing operations | BuildSkills | RIICBS205D | Roll aggregate in sprayed sealing operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation |

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| | | | | | | | Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS316 | Conduct pavement sweeping operations | BuildSkills | RIICBS206D | Conduct pavement sweeping operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS317 | Conduct road maintenance operations | BuildSkills | RIICBS208D | Conduct road maintenance operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS401E | Supervise asphalt paving and compaction operations | BuildSkills | RIICBS401D | Apply the principles of asphalt paving and compaction | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS402E | Supervise the application of bituminous sprayed treatments | BuildSkills | RIICBS402D | Apply the principles for the application of bituminous sprayed treatment | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS403E | Supervise the application of polymer modified binders | BuildSkills | RIICBS403D | Apply the principles for the application of polymer modified binder | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS404E | Supervise the selection and use of bituminous emulsions | BuildSkills | RIICBS404D | Apply the principles for the selection and use of bituminous emulsion | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge |

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| | | | | | | | Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS405E | Supervise micro surfacing operations | BuildSkills | RIICBS405D | Apply the principles for the application of slurry surfacing | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS406E | Supervise pavement profiling operations using a profiler | BuildSkills | RIICBS406D | Apply the principles of pavement profiling using a profiler | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS407E | Supervise the manufacture and delivery of hot mix asphalt | BuildSkills | RIICBS407D | Apply the principles for the manufacture and delivery of hot mix asphalt | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS408E | Supervise the manufacture of cold mixes | BuildSkills | RIICBS408D | Apply the principles for the manufacture of cold mix | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS409E | Supervise the manufacture of polymer modified binders | BuildSkills | RIICBS409D | Apply the principles for the manufacture of polymer modified binder | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICBS410E | Supervise the manufacture of bituminous emulsions | BuildSkills | RIICBS410D | Apply the principles for the manufacture of bituminous emulsion | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |

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| RIICBS411E | Supervise the manufacture of micro surfacing mixes | BuildSkills | RIICBS411D | Apply the principles for the manufacture of slurry surfacing | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICCM201E | Carry out measurements and calculations | Shared | RIICCM201D | Carry out measurements and calculations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIICCM202 | Identify, locate and protect underground services | BuildSkills | RIICCM202E | Identify, locate and protect underground services | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> · Addition of NEW Element (2.) “Work safely in proximity to powerline infrastructure”. · Original Element (2.) relocated to Element (3.). · Original Element (3.) relocated to Element (4.). · Original Element (4.) relocated to Element (5.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Renumbering/reordering PCs in line with Elements. · Rewording of PCs for consistency, using concise action verbs and tasks consistent with standard site terminology. · Alignment of work activities with the relevant legislative requirements other relevant procedures or requirements applicable to each work activity (e.g. SWMS, worksite instructions, manufacturer instructions, WHS requirements etc.). · Expansion of PC 1.6 to specify environmental controls across soil, water, vegetation, and waste. · Inclusion of PPE-specific PC (1.9). |

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| | | | | | | | <ul style="list-style-type: none"> · Addition of new PCs 2.1-2.5. · Rewording of PCs 3.1-3.7 and 4.1-4.7 to outcome-based statements focusing on approved protection methods, non-destructive excavation, and maintaining separation distances. Performance Evidence: <ul style="list-style-type: none"> · Inclusion of “working safely in proximity to powerline infrastructure”. Knowledge Evidence: <ul style="list-style-type: none"> · Inclusion of PPE and power line knowledge requirements. · Amending of “Dial Before You Dig” to “national pre-excavation service” for future-proof wording. Assessment Conditions (Assessor Requirements): <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. · Simplification of remaining wording to align with industry requirements. |
| RIICCM203E | Read and interpret plans and job specifications | Shared | RIICCM203D | Read and interpret plans and job specifications | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. Release created to correct mapping error. |

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| RIICCM204E | Place and fix reinforcement materials | BuildSkills | RIICCM204D | Place and fix reinforcement materials | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICCM205E | Carry out manual excavation | BuildSkills | RIICCM205D | Carry out manual excavation | E | 1 | Performance evidence removed 'using concreting tools, plant and equipment. Added mapping table. |
| RIICCM205F | Carry out manual excavation | BuildSkills | RIICCM205E | Carry out manual excavation | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICCM206 | Support plant operations | BuildSkills | RIICCM206E | Support plant operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Element (1.) wording simplified from “Plan and prepare for supporting plant operations” to “Plan and prepare for work”. Element (3.) wording simplified from “Support the operators” to “Support plant operators”. <p>Performance Criteria:</p> <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. Alignment of work activities with the relevant legislative requirements other relevant procedures or requirements applicable to each work activity (e.g. SWMS, worksite instructions, manufacturer instructions, WHS requirements etc.). Simplification of PCs 1.2 and 1.3 to focus on task confirmation and proactive risk identification. Addition of exclusion zones setup and machinery service status check at PCs 1.6 and 1.8. Addition of machinery service status check at PC 1.9. Original PC 1.5 relocated to PC 1.10. |

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| | | | | | | | <ul style="list-style-type: none"> · PCs 2.1-2.3 reworded and realigned with scope of responsibility. · Support duties streamlined in PCs 3.1-3.3 and r removal of tasks not applicable to the role in original PCs 3.5-3.8. · Minor rewording in PCs 4.1-4.4. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Realignment of evidence requirements in line with scope of responsibility. · Clarification and rewording of legislative/procedural requirements (e.g. SWMS, JSA etc.). <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Common hazard events and control measures added. · Service identification and protection requirements added including specific articulation of “overhead and underground”. · References to rock and soil identification removed. · References to “materials safety data sheet (SDSW)” removed. · References to “types, characteristics, technical capabilities and limitations of plant and equipment” removed. · “Civil construction terminology” knowledge requirement removed. · Integrated references to SWMS/JSA. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> · Access to “relevant documentation” added. <p>Assessment Conditions (Assessor Requirements):</p> |

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| | | | | | | | <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIICCM207E | Spread and compact materials manually | BuildSkills | RIICCM207D | Spread and compact materials manually | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICCM208 | Carry out basic levelling | BuildSkills | RIICCM208E | Carry out basic levelling | E | 1 | <p>Application:</p> <ul style="list-style-type: none"> Refinement of wording to reduce tautology. <p>Elements:</p> <ul style="list-style-type: none"> Element (3.) reworded to reflect up-to-date variety of levelling technology, by referring to “instruments” instead of a single “device”. <p>Performance Criteria:</p> <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. Alignment of work activities with the relevant legislative requirements other relevant procedures or requirements applicable to each work activity (e.g. SWMS, worksite instructions, manufacturer instructions, WHS requirements etc.). |

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| | | | | | | | <ul style="list-style-type: none"> · Introduction of new PCs (1.6, 1.9) to address site exclusion zones and pre-start. · Expanded wording in PCs 2.1-2.3 and 3.2 to accommodate evolving technology and work practices. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Expanded wording to accommodate evolving technology and work practices. · Inclusion of PPE requirements. · Expanded requirements for basic levelling techniques to include instrument descriptions, calculations and processes. · Examples of communication methods and equipment articulated. · Reporting modes articulated. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Integrated references to SWMS/JSA etc. · Site safety expanded to include “warning methods to alert bystanders when using lasers”. · Service identification and protection requirements added including specific articulation of “overhead and underground”. · Tolerance checks reworded to remove specific reference to “two peg test” removed. · References to “materials safety data sheet (SDSW)” removed. · References to “types, characteristics, technical capabilities and limitations of plant and equipment” realigned with relevant equipment. · “Civil construction terminology” knowledge requirement removed. <p>Assessment Conditions (Assessor Requirements):</p> |

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| | | | | | | | <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIICCM209 | Carry out concrete work | BuildSkills | RIICCM209E | Carry out concrete work | E | 1 | <p>Application:</p> <ul style="list-style-type: none"> Clarification and refinement of scope by adding “basic slab-on ground concrete and other common basic concrete works” to improve accuracy and industry alignment. Simplification of language for improved flow and readability while retaining the same overall intent and meaning. <p>Elements:</p> <ul style="list-style-type: none"> Original Elements (4.) and (5.) switched to reflect the workflow of erecting formwork before constructing and fitting reinforcement. <p>Performance Criteria:</p> <ul style="list-style-type: none"> Renumbering/reordering PCs in line with Elements. Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. |

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| | | | | | | | <ul style="list-style-type: none"> · Alignment of work activities with the relevant legislative requirements other relevant procedures or requirements applicable to each work activity (e.g. SWMS, worksite instructions, manufacturer instructions, WHS requirements etc.). · Reordering PCs 1.1–1.6 to streamline workflow. · PCs 1.5 and 1.6 combined. · Added criterion of checking plans and discrepancies at PC 2.1. · Expanded criteria at PC 3.1 to accurately reflect set-out activities. · Addition of “as required” to applying release agent activity to accommodate different formwork materials (e.g. wood, steel etc). · New PC 6.1 introduces erection of exclusion zones linked to SWMS/JSA to strengthen site safety controls. · PCs 7.1–7.6 expanded to clarify authority boundaries and safety obligations. · PCs 8.1–8.6 revised. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Expansion of the performance description to “basic slab-on ground concrete and other common basic concrete works”, providing clearer context and application. · Content revised to reflect competency-based performance expectations. · Reference added to safe use practices. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Integrated references to SWMS/JSA etc. |

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| | | | | | | | <ul style="list-style-type: none"> References to “materials safety data sheet (SDSW)” removed. Inclusion of PPE knowledge requirement. Deletion of reference to “cleaning screens before movement”. Assessment Conditions (Assessor Requirements): <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIICCM210 | Install trench support | BuildSkills | RIICCM210E | Install trench support | E | 1 | Performance Criteria: <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. Alignment of work activities with the relevant legislative requirements other relevant procedures or requirements applicable to each work activity (e.g. SWMS, worksite instructions, manufacturer instructions, WHS requirements etc.). NEW PC 1.9 added to encompass preparation for “continuous positive communication”. |

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| | | | | | | | <ul style="list-style-type: none"> · Expansion of PCs 2.1–2.3 to improve clarity around site coordination and professional accountability. · Rewording and restructuring of PCs 2.4–2.8 to integrate engineered design and manufacturer specifications, inclusion of spoil placement outside the zone of influence, and control measures for water, debris, and changing ground conditions, aligning with current trenching safety standards. · Addition of installing shoring from the surface where practicable (PC 2.5) to promote safer installation methods. · PC 2.9 amended to include safe access and egress to strengthen risk control practices. · Significant expansion of the removal process (PCs 3.1–3.7) introducing inspection by a competent person, manufacturer-guided removal sequences and safe method statements for dismantling. · PCs 4.1–4.4 expanded. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Content revised to reflect competency-based performance expectations. · “Positive” added to the communication technique requirements. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Inclusion of PPE knowledge requirement. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the |

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|------------|---|----------------|--------------------------|---|-----------------|----------------|---|
| | | | | | | | statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” <ul style="list-style-type: none"> Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIICCM211E | Construct and dismantle fences and gates | BuildSkills | RIICCM211D RIICCM301D | Erect and dismantle temporary fencing and gates Construct and dismantle fences and gates | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICCM302 | Track directional boring operations | BuildSkills | N/A | N/A | N/A | 1 | New UoC. First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICCM303 | Conduct vacuum excavations | BuildSkills | N/A | N/A | N/A | 1 | New UoC. First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICCR401E | Develop and maintain positive community relations | Shared | RIICCR401D | Develop and maintain positive community relations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIICCR601D | Manage customer relationships | Shared | RIICCR601A | Manage customer relationships | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIICFW301E | Construct underpinning | BuildSkills | RIICFW301D | Construct underpinning | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| RIICFW302E | Install temporary and permanent rock anchors | BuildSkills | RIICFW302D | Install temporary and permanent rock anchors | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICFW303E | Install primary ground supports | BuildSkills | RIICFW303D | Install primary ground support | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICFW304E | Conduct pile driving operations | BuildSkills | RIICFW304D | Conduct pile driving operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICFW305E | Conduct cast in-situ pilings operations | BuildSkills | RIICFW305D | Conduct cast in-situ pilings operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICFW306E | Direct pile driving operations | BuildSkills | RIICFW306D | Direct pile driving operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICFW307E | Direct cast in-situ piling operations | BuildSkills | RIICFW307D | Direct cast in-situ piling operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICFW308 | Conduct screw piling operations | BuildSkills | N/A | N/A | N/A | 1 | New UoC. First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICOM201E | Communicate in the workplace | Shared | RIICOM201D | Communicate in the workplace | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 5.0 |
| RIICOM202 | Contribute to effectiveness of communication and teamwork in an autonomous workplace | Shared | N/A | N/A | N/A | 1 | New UoC. First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIICOM301E | Communicate information | Shared | RIICOM301D | Communicate Information | E | 3 | Amended typographical error in Performance Evidence and Unit Mapping Information. |
| RIICOM302D | Communicate workplace information | Shared | RIICOM302A | Communicate workplace information | E | 4 | This version was released with RII Resources and Infrastructure Industry Training Package V7.1. Usage recommendation updated. |
| RIICOM401 | Communicate effectively in a remote work environment | Shared | N/A | N/A | N/A | 1 | New UoC. First released in RII Resources and Infrastructure Industry Training Package version 9.0 |
| RIICPL301E | Install water mains pipelines | BuildSkills | RIICPL301D | Install water mains pipelines | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| RIICPL302E | Install stormwater systems | BuildSkills | RIICPL302D | Install stormwater systems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICPL303E | Install sewer pipelines | BuildSkills | RIICPL303D | Install sewer pipelines | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICPL304E | Install pre-cast gully pits | BuildSkills | RIICPL304D | Install pre-cast gully pits | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICPL305E | Install pre-cast access chambers | BuildSkills | RIICPL305D | Install pre-cast access chambers | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICPL401E | Supervise the installation of underground services using open excavation | BuildSkills | RIICPL401D | Apply the principles for the installation of underground service using open excavation | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 8.0. Minor update of unit of competency. Amendments made to wording of elements and performance criteria to better reflect intent. |
| RIICRC201E | Repair potholes | BuildSkills | RIICRC201D | Repair potholes | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC202E | Install signs | BuildSkills | RIICRC202D | Install signs | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC203E | Install sub-soil drainage | BuildSkills | RIICRC203D | Install sub-soil drainage | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC204E | Install and maintain roadside fixtures | BuildSkills | RIICRC204D | Install and maintain roadside fixtures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC205E | Install utility poles | BuildSkills | RIICRC205D | Install utility poles | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC206E | Install pre-cast concrete crash barriers | BuildSkills | RIICRC206D | Install pre-cast concrete crash barriers | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC207E | Install noise barriers | BuildSkills | RIICRC207D | Install noise barriers | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC208D | Lay pipes | BuildSkills | RIICRC208A | Lay pipes | E | 3 | Correct typo in Performance Evidence. No new content |
| RIICRC208E | Lay pipes | BuildSkills | RIICRC208D | Lay pipes | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|---|----------------|-----------------|---|-----------------|----------------|--|
| RIICRC209E | Lay reinforced concrete box culverts | BuildSkills | RIICRC209D | Lay reinforced concrete box culverts | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC301E | Maintain drainage systems | BuildSkills | RIICRC301D | Maintain drainage systems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC302E | Place and form concrete kerb, channel and fixtures | BuildSkills | RIICRC302D | Place and form concrete kerb, channel and fixtures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC303E | Lay pavers | BuildSkills | RIICRC303D | Lay pavers | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC304E | Maintain sealed roads | BuildSkills | RIICRC304D | Maintain sealed roads | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC305E | Conduct road construction paver screeding operations | BuildSkills | RIICRC305D | Conduct road construction paver screeding operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC306E | Conduct earthworks | BuildSkills | RIICRC306D | Conduct earthworks | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC307E | Conduct road pavement construction | BuildSkills | RIICRC307D | Conduct road pavement construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC308E | Conduct paver operations | BuildSkills | RIICRC308D | Conduct paver operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC309E | Conduct stabiliser operations | BuildSkills | RIICRC309D | Conduct stabiliser operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC310E | Construct and maintain roads | BuildSkills | RIICRC310D | Construct and maintain roads | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC311E | Conduct concrete road paver operations | BuildSkills | RIICRC311D | Conduct concrete road paver operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC312E | Set up and maintain concrete paver stringlines | BuildSkills | RIICRC312D | Set up and maintain concrete paver stringlines | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC313E | Conduct concrete road curing and texturing operations | BuildSkills | RIICRC313D | Conduct concrete road curing and texturing operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC314E | Handle concrete materials | BuildSkills | RIICRC314D | Handle concrete materials | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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| RIICRC315E | Use concreting materials and equipment | BuildSkills | RIICRC315D | Use concreting materials and equipment | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC316E | Place and compact concrete | BuildSkills | RIICRC316D | Place and compact concrete | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC317E | Finish concrete pavements | BuildSkills | RIICRC317D | Finish concrete pavements | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC318E | Cure concrete | BuildSkills | RIICRC318D | Cure concrete | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC319E | Saw and cut concrete pavements to initiate planned cracks | BuildSkills | RIICRC319D | Saw and cut concrete pavements to initiate planned cracks | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC320E | Seal concrete pavements | BuildSkills | RIICRC320D | Seal concrete pavements | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC321E | Use automated paving guidance systems | BuildSkills | RIICRC321D | Use automated paving guidance systems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC322E | Receive, check and record concrete deliveries | BuildSkills | RIICRC322D | Receive, check and record concrete deliveries | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC323E | Insert tie bars in fresh concrete | BuildSkills | RIICRC323D | Insert tie bars in fresh concrete | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC401E | Supervise flexible pavement construction | BuildSkills | RIICRC401D | Apply the principles of flexible pavement construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC402E | Supervise rigid pavement construction | BuildSkills | RIICRC402D | Apply the principles of rigid pavement construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC403E | Supervise the stabilisation of materials | BuildSkills | RIICRC403D | Apply the principles of the stabilisation of materials | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC404E | Inspect and report on pavement condition | BuildSkills | RIICRC404D | Inspect and report on pavement condition | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC405E | Carry out pavement condition measurement | BuildSkills | RIICRC405D | Carry out pavement condition measurement | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRC406E | Supervise pavement maintenance | BuildSkills | RIICRC406D | Apply the principles of pavement maintenance | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|--|
| RIICRM201F | Escort mobile works | BuildSkills | RIICRM201E | Escort mobile works | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM202E | Handle and store road marking materials | BuildSkills | RIICRM202D | Handle and store road marking materials | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM203E | Conduct pedestrian road marking operations | BuildSkills | RIICRM203D | Conduct pedestrian road marking operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM204E | Prepare surfaces for road marking | BuildSkills | RIICRM204D | Prepare surfaces for road marking | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM205E | Conduct road marking measuring operations | BuildSkills | RIICRM205D | Conduct road marking measuring operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM206E | Conduct airless and atomised spraying operations | BuildSkills | RIICRM206D | Conduct airless and atomised spraying operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM207E | Install raised pavement markers | BuildSkills | RIICRM207D | Install raised pavement markers | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM301E | Conduct ride on road marking operations | BuildSkills | RIICRM301D | Conduct ride on road marking operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM302E | Conduct long line road marking operations | BuildSkills | RIICRM302D | Conduct long line road marking operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICRM303E | Conduct thermo plastic road marking operations | BuildSkills | RIICRM303D | Conduct thermo plastic road marking operations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICSG401E | Supervise civil concrete structure construction | BuildSkills | RIICSG401D | Apply the principles of civil concrete structures construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICSG402E | Supervise civil steel structure construction | BuildSkills | RIICSG402D | Apply the principles of civil steel structures construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICSG403E | Supervise civil timber structure construction | BuildSkills | RIICSG403D | Apply the principles of civil timber structure construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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| RIICSG404E | Supervise civil masonry, crib and gabion structure construction | BuildSkills | RIICSG404D | Apply the principles of civil masonry, crib and gabion structure construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICSG405E | Carry out inspections of civil structures | BuildSkills | RIICSG405D | Carry out inspections of civil structures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICSG406E | Supervise maintenance of civil structures | BuildSkills | RIICSG406D | Apply principles of maintenance of civil structures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB201E | Maintain timber bridges | BuildSkills | RIICTB201D | Maintain timber bridges | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB202E | Apply bridge durability treatments | BuildSkills | RIICTB202D | Apply bridge durability treatments | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB203E | Produce bridge drawings and sketches | BuildSkills | RIICTB203D | Produce drawings and sketches | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB301E | Undertake visual inspections | BuildSkills | RIICTB301D | Undertake visual inspection | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB302E | Install temporary support members | BuildSkills | RIICTB302D | Install temporary support members | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB303E | Erect temporary modular support systems (baileys) on existing bridges | BuildSkills | RIICTB303D | Erect a temporary modular support system (bailey) on an existing bridge | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB304E | Install or replace sub-structure members | BuildSkills | RIICTB304D | Install or replace sub-structure members | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB305E | Install or replace super-structure members | BuildSkills | RIICTB305D | Install or replace super-structure members | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB306E | Splice and connect timber members | BuildSkills | RIICTB306D | Splice and connect timber members | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB307E | Assemble and disassemble temporary modular bridges | BuildSkills | RIICTB307D | Assemble a temporary modular bridge | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB308E | Install or replace truss members | BuildSkills | RIICTB308D | Install or replace truss members | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| RIICTB309E | Construct, maintain and remove coffer dams | BuildSkills | RIICTB309D | Construct, maintain and remove coffer dams | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTB310E | Construct specialised timber deck systems | BuildSkills | RIICTB310D | Construct specialised timber deck systems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTC301E | Install tunnelling constructions services | BuildSkills | RIICTC301D | Install tunnelling constructions services | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTC302E | Line tunnels | BuildSkills | RIICTC302D | Line tunnel | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTC303E | Excavate tunnel by machine | BuildSkills | RIICTC303D | Excavate tunnel by machine | E | 2 | This version was released with RII Resources and Infrastructure Industry Training Package Version 7.1. This release made editorial corrections to Knowledge Evidence. |
| RIICTC304E | Muck out tunnel earthworks | BuildSkills | RIICTC304D | Muck out tunnel earthworks | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTC305E | Construct portals | BuildSkills | RIICTC305D | Construct portals | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTC307 | Conduct tunnel boring machine operations | BuildSkills | RIICTC306 | Conduct tunnel boring machine operations | E | 1 | Performance Criteria: <ul style="list-style-type: none"> • Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. • PCs 1.1–1.9 substantially broadened to include Permit to Tunnel (PTT) and Safe Work Method Statement (SWMS) references, adding explicit compliance checkpoints before work begins. • PCs 1.3, 1.6 and 1.7 introduce active risk control and emergency preparedness. |

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| | | | | | | | <ul style="list-style-type: none"> Expansion of pre-operational checks (PCs 2.1-2.9) to include verification of TBM electrical, hydraulic, and safety systems; checks of fluid levels, hoses, alarms, and decals; and explicit reporting procedures. PCs 3.1–3.11 add requirements for pre-start clearance of personnel, monitoring gauges and control systems, maintaining line and grade alignment, managing cutting rates, torque, and thrust, coordinating with backup systems, and conducting safe shutdown and lockout procedures. PCs 4.1–4.4 expanded to include operator maintenance, component inspection, and defect reporting prior to general housekeeping. <p>Performance Evidence:</p> <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. Replacement of distance-based metrics ($\geq 250\text{m}$ tunnelling/ring building/excavation) with time-based metrics (≥ 1 hour per activity). Deletion of the requirement to complete and monitor “two cutterhead intervention sessions” to align with scope of responsibility. |

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| | | | | | | | <ul style="list-style-type: none"> • “Respond to ground conditions within site requirements” added to strengthening real-time operational judgement and risk control. • “Identify soil and geological characteristics” removed. • Removal of references to specific persons to communicate with to allow flexibility for different worksite requirements. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> • Inclusion of PPE knowledge requirement. • “Techniques for interpreting and applying” list consolidated into single dot point. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> • Removal of “equipment required to conduct TBM operations” which is the TBM itself and already noted. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> • Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” • Simplification of wording to instruct industry experts to abide with the same legislation, |

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| | | | | | | | frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIICTC401E | Supervise tunnel construction | BuildSkills | RIICTC401D | Apply the principles of tunnel construction | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTC402 | Supervise tunnel boring machine operations | BuildSkills | N/A | N/A | N/A | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICTT301E | Conduct fluid assisted directional boring | BuildSkills | RIICTT301D | Conduct fluid assisted directional boring | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT302E | Conduct impact moling, ramming and augering operations | BuildSkills | RIICTT302D | Conduct impact moling, ramming and augering | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT303E | Control micro tunnelling and pipe-jacking operations | BuildSkills | RIICTT303D | Control micro tunnelling and pipe-jacking | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT304E | Undertake on-line replacement for existing pipeline systems | BuildSkills | RIICTT304D | Undertake on-line replacement for existing pipeline systems | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT305E | Undertake localised repair and sealing of existing pipeline systems | BuildSkills | RIICTT305D | Undertake localised repair and sealing of existing pipeline systems | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |

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| | | | | | | | Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT306E | Install cure in-place linings for existing pipeline systems | BuildSkills | RIICTT306D | Install cure in-place linings for existing pipeline systems | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT307E | Spray linings for existing pipeline systems | BuildSkills | RIICTT307D | Spray linings for existing pipeline systems | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT308E | Install close-fit linings for existing pipeline systems | BuildSkills | RIICTT308D | Install close-fit linings for existing pipeline systems | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT309E | Install slip lining in existing pipeline systems | BuildSkills | RIICTT309D | Install slip lining in existing pipeline systems. | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT310E | Renovate large diameter pipes and chambers | BuildSkills | RIICTT310D | Renovate large diameter pipes and chambers | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIICTT401E | Supervise the installation of underground services using trenchless technology | BuildSkills | RIICTT401D | Apply the principles for the installation of underground services using trenchless technology | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|--|-----------------|----------------|---|
| RIICTT402E | Supervise repair and rehabilitation of underground services using trenchless technology | BuildSkills | RIICTT402D | Apply principles for repair & rehabilitation of underground services using trenchless technology | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD501E | Prepare detailed design of foundations | BuildSkills | RIICWD501D | Prepare detailed design of foundations | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD502E | Prepare detailed design of lighting | BuildSkills | RIICWD502D | Prepare detailed design of lighting | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD503 | Prepare traffic management plans and traffic guidance schemes | BuildSkills | RIICWD503E | Prepare traffic management plans and traffic guidance schemes | E | 1 | <p>Application (Licencing):</p> <ul style="list-style-type: none"> Additional context included regarding OSH/WHS interchangeability and legislative requirements. Reference to “Austroads Guide to Temporary Traffic Management (AGTTM)” included. <p>Performance Criteria:</p> <ul style="list-style-type: none"> Simplification and streamlining of wording to align with current industry and workplace traffic management requirements. PC 2.2 amended from ‘strategy’ to ‘plan’. Cost estimation and validation step removed to align with scope of responsibility (formerly PCs 2.3 and 4.3). <p>Performance Evidence:</p> <ul style="list-style-type: none"> Wording refined for clarity and consistency, with no alteration to intent or content. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> Policy and procedure requirements expanded. Reference to the hierarchy of control added at dot point 3. List of “traffic control measures, signs, devices and equipment” requirements added. |

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| | | | | | | | <ul style="list-style-type: none"> “Workplace techniques for implementing traffic management plans and traffic guidance schemes” requirements added. Assessment Conditions (Assessor Requirements): <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIICWD504E | Prepare detailed design of environmental controls | BuildSkills | RIICWD504D | Prepare detailed design of environmental controls | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD505E | Prepare detailed design of landscaping | BuildSkills | RIICWD505D | Prepare detailed design of landscaping | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD506E | Prepare detailed design of canals | BuildSkills | RIICWD506D | Prepare detailed design of canals | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD507D | Prepare detailed geotechnical design | BuildSkills | RIICWD507A | Prepare detailed geotechnical design | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIICWD508E | Prepare detailed design of rural roads | BuildSkills | RIICWD508D | Prepare detailed design of rural roads | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|--|
| RIICWD509E | Prepare detailed design of urban roads | BuildSkills | RIICWD509D | Prepare detailed design of urban roads | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD510E | Prepare detailed design of busways | BuildSkills | RIICWD510D | Prepare detailed design of busways | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD511E | Prepare detailed design of sub-divisions | BuildSkills | RIICWD511D | Prepare detailed design of sub-divisions | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD512E | Prepare detailed design of motorways and interchanges | BuildSkills | RIICWD512D | Prepare detailed design of motorways and interchanges | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD513E | Prepare detailed design of rail civil infrastructure | BuildSkills | RIICWD513D | Prepare detailed design of rail civil infrastructure | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD514E | Prepare detailed design of dams | BuildSkills | RIICWD514D | Prepare detailed design of dams | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD515E | Prepare detailed design of airfield civil works | BuildSkills | RIICWD515D | Prepare detailed design of airfield civil works | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD516E | Prepare detailed design of bicycle ways | BuildSkills | RIICWD516D | Prepare detailed design of airfield civil works | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD517E | Prepare detailed design of industrial hardstands | BuildSkills | RIICWD517D | Prepare detailed design of industrial hardstands | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD518E | Prepare detailed design of open car parks | BuildSkills | RIICWD518D | Prepare detailed design of open car parks | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD519E | Prepare detailed design of intermodal facilities civil works | BuildSkills | RIICWD519D | Prepare detailed design of intermodal facilities civil works | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD520E | Prepare detailed design of rigid pavements | BuildSkills | RIICWD520D | Prepare detailed design of rigid pavements | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD521E | Prepare detailed design of flexible pavements | BuildSkills | RIICWD521D | Prepare detailed design of flexible pavements | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD522E | Prepare stabilised material mix design | BuildSkills | RIICWD522D | Prepare stabilised material mix design | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD523E | Prepare asphalt mix design | BuildSkills | RIICWD523D | Prepare asphalt mix design | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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|------------|--|----------------|-----------------|--|-----------------|----------------|--|
| RIICWD524E | Prepare design of spray seal surfacing | BuildSkills | RIICWD524D | Prepare design of spray seal surfacing | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD525E | Select pavement surfacing | BuildSkills | RIICWD525D | Select pavement surfacing | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD526E | Prepare detailed traffic analysis | BuildSkills | RIICWD526D | Prepare detailed traffic analysis | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD527E | Prepare detailed design of traffic signals | BuildSkills | RIICWD527D | Prepare detailed design of traffic signals | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD528E | Prepare detailed design of traffic management systems | BuildSkills | RIICWD528D | Prepare detailed design of traffic management systems | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD529E | Prepare detailed design of underground services | BuildSkills | RIICWD529D | Prepare detailed design of underground services | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD530E | Prepare detailed design of surface drainage | BuildSkills | RIICWD530D | Prepare detailed design of surface drainage | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD531E | Prepare detailed design of subsurface drainage | BuildSkills | RIICWD531D | Prepare detailed design of subsurface drainage | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD532E | Prepare detailed design of tunnels | BuildSkills | RIICWD532D | Prepare detailed design of tunnels | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD533E | Prepare detailed design of civil concrete structures | BuildSkills | RIICWD533D | Prepare detailed design of civil concrete structures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD534E | Prepare detailed design of civil steel structures | BuildSkills | RIICWD534D | Prepare detailed design of civil steel structures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD535E | Prepare detailed design of civil timber structures | BuildSkills | RIICWD535D | Prepare detailed design of civil timber structures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD536E | Prepare detailed design of civil masonry, crib and gabion structures | BuildSkills | RIICWD536D | Prepare detailed design of civil masonry, crib and gabion structures | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD537E | Prepare detailed design of marine structures civil works | BuildSkills | RIICWD537D | Prepare detailed design of marine structures civil works | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |

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| RIICWD538 | Prepare traffic management plans and traffic guidance schemes for high volume roads | BuildSkills | N/A | N/A | N/A | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD539 | Prepare traffic management plans and traffic guidance schemes for motorways and freeways | BuildSkills | N/A | N/A | N/A | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWD601E | Manage civil works design processes | BuildSkills | RIICWD601D | Manage civil works design processes | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM401E | Supervise civil works | BuildSkills | RIICWM401D | Supervise civil works | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM402E | Supervise civil works contractors | BuildSkills | RIICWM402D | Supervise civil works contractors | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM501E | Implement civil construction plans | BuildSkills | RIICWM501D | Implement civil construction plan | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM502E | Implement civil works maintenance programs | BuildSkills | RIICWM502D | Implement civil works maintenance program | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM503E | Prepare civil works cost estimates | BuildSkills | RIICWM503D | Prepare civil works cost estimate | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM504E | Prepare civil works bill of quantities | BuildSkills | RIICWM504D | Prepare civil works bill of quantities | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM505E | Prepare civil works schedule of rates | BuildSkills | RIICWM505D | Prepare civil works schedule of rates | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM601E | Establish civil construction plans | BuildSkills | RIICWM601D | Establish civil construction plans | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIICWM602E | Establish civil works maintenance programs | BuildSkills | RIICWM602D | Establish civil works maintenance programs | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIIDES301D | Inspect, test and maintain diesel engine systems and their ancillary systems | AUSMASA | RIIDES301 | Inspect, test and maintain diesel engine systems and their ancillary systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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| | | | | | | | Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDES302D | Inspect, test and maintain joints on diesel engine systems | AUSMASA | RIIDES302 | Inspect, test and maintain joints on diesel engine systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDES303D | Inspect, test and maintain cooling systems on diesel engine systems | AUSMASA | RIIDES303 | Inspect, test and maintain cooling systems on diesel engine systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDES304D | Inspect, test and maintain inlet systems on diesel engine systems | AUSMASA | RIIDES304 | Inspect, test and maintain inlet systems on diesel engine systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDES305D | Inspect, test and maintain exhaust systems on diesel engine systems | AUSMASA | RIIDES305 | Inspect, test and maintain exhaust systems on diesel engine systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDES306D | Inspect, test and maintain safety shutdown systems on diesel engine systems | AUSMASA | RIIDES306D | Inspect, test and maintain safety shutdown systems on diesel engine systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDES307D | Test, determine the cause and rectify excessive emission levels on diesel engine systems | AUSMASA | RIIDES307 | Test, determine the cause and rectify excessive emission levels on diesel engine systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIDML401E | Supervise demolitions | BuildSkills | RIIDML401D | Apply the principles of demolitions | E | 1 | First released in RII Resources and Infrastructure Industry Training Package version 6.0 |
| RIIEGS201D | Operate in isolated and remote situations | AUSMASA | RIIEGS201A | Operate in isolated and remote situations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIEGS202E | Conduct field work | AUSMASA | RIIEGS202D | Conduct field work | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIEGS301E | Operate and maintain instruments and field equipment | AUSMASA | RIIEGS301D | Operate and maintain instruments and field equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |

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| RIIEGS302D | Plan and undertake field trip | AUSMASA | RIIEGS302A | Plan and undertake field trip | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIEGS303E | Provide geological field assistance | AUSMASA | RIIEGS303D | Provide geological field assistance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIEGS304E | Mobilise equipment and materials | AUSMASA | RIIEGS304D | Mobilise equipment and materials | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIEGS305E | Navigate in remote or trackless areas | AUSMASA | RIIEGS305D | Navigate in remote or trackless areas | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV201E | Identify and assess environmental and heritage concerns | Shared | RIIENV201D | Identify and assess environmental and heritage concerns | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV301E | Conduct atmospheric monitoring | Shared | RIIENV301D | Conduct atmospheric monitoring | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV302E | Apply environmentally sustainable work practices | Shared | RIIENV302D | Apply environmentally sustainable work practices | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV401E | Supervise dust and noise control | BuildSkills | RIIENV401D | Supervise dust and noise control | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV402E | Implement and monitor environmental policies | Shared | RIIENV402D | Implement and monitor environmental policies | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |

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| RIIENV501E | Implement and maintain environmental management plans | Shared | RIIENV501D | Implement and maintain environmental management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV502E | Undertake process or project environmental impact assessments | Shared | RIIENV502D | Undertake process or project environmental impact assessment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIENV601E | Establish and maintain the environmental management system | Shared | RIIENV601D | Establish and maintain the environmental management system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0 |
| RIIERR201 | Conduct fire team operations | Shared | RIIERR201E | Conduct fire team operations | E | 1 | This version first released with the RII Resources and Infrastructure Industry Training Package Version 11.0. Updates to application, performance criteria, knowledge evidence, performance evidence and assessor requirements |
| RIIERR202E | Contribute to the control of emergencies and critical situations | Shared | RIIERR202D | Contribute to the control of emergencies and critical situations | E | 1 | Element and two performance criteria removed. Performance and knowledge evidence substantially amended. |
| RIIERR203E | Escape from hazardous situations unaided | Shared | RIIERR203D | Escape from hazardous situations unaided | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIERR204E | Provide aided rescue to endangered personnel | AUSMASA | RIIERR204D | Provide aided rescue to endangered personnel | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to all sections. |
| RIIERR205D | Apply initial response First Aid | Shared | RIIERR205A | Apply initial response First Aid | E | 4 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIERR301E | Respond to work site incidents | Shared | RIIERR301D | Respond to mine incident. | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Minor editorial corrections |
| RIIERR302E | Respond to local emergencies and incidents | Shared | RIIERR302D | Respond to local emergencies and incidents | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Minor editorial corrections |
| RIIERR303E | Operate in self-contained regenerative oxygen breathing apparatus | Shared | RIIERR303D | Operate in self-contained regenerative oxygen breathing apparatus | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIERR305 | Control underground fires | Shared | RIIERR305E | Control underground fires | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0 Updates to: <ul style="list-style-type: none"> • Pre-requisites • Assessor Requirements |
| RIIERR306E | Conduct underground searches | Shared | RIIERR306D | Conduct underground searches | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIERR307 | Extricate casualties from underground incidents | Shared | RIIERR307E RIIERR307D | Extricate casualties from underground incidents | 3 | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0 Updates to: <ul style="list-style-type: none"> • Pre-requisites • Assessor Requirements |

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| RIIERR308 | Extricate and transport people involved in incidents | Shared | RIIERR308E | Extricate and transport people involved in incidents | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0 Updates to: <ul style="list-style-type: none"> • Pre-requisites • Assessor Requirements |
| RIIERR309D | Establish and operate from fresh air base | Shared | RIIERR309A | Establish and operate from fresh air base | E | 2 | Performance Criteria numbering corrected. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIERR312 | Respond to incidents involving energy storage systems | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. |
| RIIERR401E | Apply and monitor emergency preparedness and response systems in surface operations | Shared | RIIERR401D | Apply and monitor surface operations emergency preparedness and response systems | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIERR402E | Apply and monitor underground coal mine emergency preparedness and response systems | AUSMASA | RIIERR402D | Apply and monitor underground coal mine emergency preparedness and response systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIERR403E | Lead rescue teams | Shared | RIIERR403D | Lead rescue teams | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |

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| RIIERR404D | Apply and monitor underground Metalliferous mine emergency preparedness and response systems | AUSMASA | RIIERR404A | Apply and monitor underground Metalliferous mine emergency preparedness and response systems | E | 5 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Minor editorial corrections |
| RIIERR405 | Control emergencies and critical situations | Shared | RIIERR405D | Control emergencies and critical situations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIERR406 | Provide support for rescue operations | AUSMASA | RIIERR406D | Provide support for rescue operations | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIERR501D | Implement underground coal mine emergency preparedness and response systems | AUSMASA | RIIERR501E | Implement underground coal mine emergency preparedness and response systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIERR503D | Implement emergency preparedness and response systems | Shared | RIIERR503A | Implement emergency preparedness and response systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIERR504E | Manage major incidents and emergencies | Shared | RIIERR504D | Manage major incidents and emergencies | E | 1 | Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |

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| RIIERR601E | Establish and maintain mine emergency preparedness and response systems | AUSMASA | RIIERR601D | Establish and maintain mine emergency preparedness and response systems | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Minor editorial corrections |
| RIIERR602E | Establish and maintain underground coal mine emergency preparedness and response systems | AUSMASA | RIIERR602D | Establish and maintain underground coal mine emergency preparedness and response systems | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIFIA401E | Manage financial records | Shared | RIIFIA401D | Manage financial records | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIGOV201E | Comply with site work processes/procedures | Shared | RIIGOV201D | Comply with site work processes/procedures | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIGOV401E | Apply, monitor and report on compliance systems | Shared | RIIGOV401D | Apply, monitor and report on compliance systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIGOV501E | Identify, implement and maintain legal compliance requirements | Shared | RIIGOV501D | Identify, implement and maintain legal compliance requirements | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIGOV601E | Establish, maintain and develop a statutory compliance management system | Shared | RIIGOV601D | Establish, maintain and develop a statutory compliance management system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIHAN201E | Operate a forklift | Shared | RIIHAN201D | Operate a forklift | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIHAN203E | Conduct lifting operations | Shared | RIIHAN203D | Conduct lifting operations | E | 2 | This version was released with RII Resources and Infrastructure Industry Training Package Version 7.1. Performance Evidence amended to define types of hoists to be used in load moving. |

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| RIIHAN204D | Load and unload cargo/goods | Shared | RIIHAN204A | Load and unload cargo/goods | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIHAN205D | Secure cargo | Shared | RIIHAN205A | Secure cargo | NE | 4 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIHAN206E | Transport plant, equipment and personnel | Shared | RIIHAN206D | Transport plant, equipment and personnel | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. |
| RIIHAN208E | Perform dogging | Shared | RIIHAN208D | Perform dogging | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIHAN209E | Perform basic rigging | BuildSkills | RIIHAN209D | Perform basic rigging | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. |
| RIIHAN210D | Perform intermediate rigging operations | BuildSkills | RIIHAN210A | Perform intermediate rigging operations | E | 4 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. |
| RIIHAN211D | Conduct basic scaffolding operations | BuildSkills | RIIHAN211A | Conduct basic scaffolding operations | E | 4 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|---|-----------------|----------------|--|
| RIIHAN212E | Conduct non-slewing crane operations | AUSMASA | RIIHAN212D | Conduct non-slewing crane operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIHAN213E | Work effectively in the drilling industry | AUSMASA | RIIHAN213D | Work effectively in the drilling industry | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIHAN301E | Operate elevating work platform | Shared | RIIHAN301D | Operate elevating work platform | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to all sections to reflect operator's role. |
| RIIHAN302D | Conduct intermediate scaffolding operations | BuildSkills | RIIHAN302A | Conduct intermediate scaffolding operations | E | 4 | This version was released with RII Resources and Infrastructure Training Package version 3.0. |
| RIIHAN304E | Conduct slewing crane operations | AUSMASA | RIIHAN304D | Conduct slewing crane operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to all sections to reflect operator's role. |
| RIIHAN305D | Operate a gantry or overhead crane | AUSMASA | RIIHAN305A | Operate a gantry or overhead crane | E | 4 | This version was released with RII Resources and Infrastructure Training Package version 3.0. |
| RIIHAN307E | Operate a vehicle loading crane | Shared | RIIHAN307D | Operate a vehicle loading crane | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIHAN308 | Load and unload plant | BuildSkills | RIIHAN308 F | Load and unload plant | E | 1 | Elements: <ul style="list-style-type: none"> · Reference to 'unloading' removed from Element (1.). · Inclusion of *NEW* Elements (2.) "Conduct pre-operational checks" and (5.) "Conduct housekeeping activities". · Renumbering/reordering elements to align with workflow. |

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|------|------------------------|----------------|-----------------|------------------|-----------------|----------------|--|
| | | | | | | | <ul style="list-style-type: none"> · Simplification of wording in Elements (3.) and (4.). Performance Criteria: <ul style="list-style-type: none"> · Renumbering/reordering PCs in line with Elements. · SWMS/JSA, permits, and movement plans added in PCs 1.1–1.3. · New PCs 2.1-2.4 and 5.1-5.5 added to align with Elements. · Examples of loading aids provided at PC 3.4. · Addition of dimension considerations when loading at PC 3.5. · Addition of visibility requirements at PC 3.6. · Weight distribution requirements added at PC 3.7. · PCs 3.8-3.11 aligned with broader spectrum of legislative and site-based regulatory requirements. · NEW PC 3.11 added to address changing site conditions and safe loading operations. · Hazard identification, verification, and communication requirements added throughout all relevant PCs. · Pre-release check requirement added at PC 4.1. · Traffic management requirements added at PC 4.2. · Safety practices greatly expanded upon in PCs 4.1-4.11. Performance Evidence: <ul style="list-style-type: none"> · Clarification of the number of occasions a work activity must be demonstrated. · Addition of requirement to load “two different types of equipment” added. · List and specifications of acceptable equipment added to support competency requirements. |

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| | | | | | | | <ul style="list-style-type: none"> · Rewording the process of moving the plant onto and off a trailer/float to specify the safety and technical rationale of weight distribution and load stability. · Expanded emphasis on communication, visibility management, and response to changing site conditions. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Inclusion of PPE knowledge requirement. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. · Simplification of remaining wording to align with industry requirements. |
| RIIHAN309F | Conduct telescopic materials handler operations | Shared | RIIHAN309E | Conduct telescopic materials handler operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities, and assessment conditions for attachments. |
| RIIHAN310E | Conduct crane operations underground | Shared | RIIHAN310D | Conduct crane operations underground | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and lifting activities. |

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|------------|---|----------------|-----------------|---|-----------------|----------------|---|
| RIIHAN311F | Conduct operations with integrated tool carrier | BuildSkills | RIIHAN311E | Conduct operations with integrated tool carrier | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and lifting activities. |
| RIIHAN401D | Organise and monitor wharf/terminal operations | AUSMASA | RIIHAN401A | Organise and monitor wharf/terminal operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMG301E | Maintain site records | Shared | RIIMG301D | Maintain site records | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIILAT401E | Provide leadership in the supervision of Indigenous employees | Shared | RIILAT401D | Provide leadership in the supervision of Indigenous employees | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIILAT402E | Provide leadership in the supervision of diverse work teams | Shared | RIILAT402D | Provide leadership in the supervision of diverse work teams | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. Editorial corrections. |
| RIILAT601E | Manage group processes | Shared | RIILAT601D | Manage group processes | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCO201D | Conduct spreader operations | BuildSkills | RIIMCO201A | Conduct spreader operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCO302D | Conduct surface miner operations | AUSMASA | RIIMCO302A | Conduct surface miner operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| | | | | | | | Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCO303E | Conduct auger miner operations | AUSMASA | RIIMCO303D | Conduct auger miner operations | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCP202D | Conduct rail dispatch operations | AUSMASA | RIIMCP202A | Conduct rail dispatch operations | E | 2 | Correct content inserted into unit. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCP301D | Monitor plant operations for coal preparation | AUSMASA | RIIMCP301A | Monitor plant operations for coal preparation | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU201D | Operate power tram | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU202D | Conduct tracked vehicle/plant operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU203D | Conduct wheeled vehicle operations (non-articulated) | AUSMASA | RIIMCU203A | Conduct wheeled vehicle operations (non-articulated) | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU204D | Conduct wheeled vehicle operations (articulated) | AUSMASA | RIIMCU204A | Conduct wheeled vehicle operations (articulated) | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU205D | Conduct rotational drilling | AUSMASA | RIIMCU205A | Conduct rotational drilling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU206D | Install, maintain and recover gas drainage systems | AUSMASA | RIIMCU206A | Install, maintain and recover gas drainage systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU207D | Install, maintain and recover electrical services | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU208E | Conduct basic strata control operations | AUSMASA | RIIMCU208D | Conduct basic strata control operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU209E | Conduct roadway maintenance | AUSMASA | RIIMCU209D | Conduct roadway maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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|------------|---|----------------|-----------------|--|-----------------|----------------|--|
| RIIMCU210D | Conduct stonedusting operations | AUSMASA | RIIMCU210A | Conduct stonedusting operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU211D | Install and maintain explosion barriers | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU212E | Construct and maintain basic ventilation devices | AUSMASA | RIIMCU212D | Construct and maintain basic ventilation devices | E | 1 | Performance criteria 1.1 amended grammatically. Performance evidence added to include basic construction skills to identify potential strata hazard, and types of stoppings and regulators. Knowledge evidence added to include identifying hazard management processes and techniques. Mapping table added. |
| RIIMCU213E | Conduct feeder breaker operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU214E | Conduct ventilation operations | AUSMASA | RIIMCU214D | Conduct face ventilation operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU215D | Operate longwall ancillary equipment | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU216D | Maintain lamp cabin operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU217 | Apply spontaneous combustion management measures | AUSMASA | RIIMCU402D | Apply spontaneous combustion management measures | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU218 | Work safely with polymeric chemicals in underground coal mining | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |

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|------------|--|----------------|-----------------|---|-----------------|----------------|--|
| RIIMCU301E | Conduct specialised strata control operations | AUSMASA | RIIMCU301D | Conduct specialised strata control operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU302F | Construct and maintain ventilation devices | AUSMASA | RIIMCU302E | Construct and maintain ventilation devices | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU303E | Conduct continuous miner operations | AUSMASA | RIIMCU303D | Conduct continuous miner operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU304E | Conduct shuttle car operations | AUSMASA | RIIMCU304D | Conduct shuttle car operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU305E | Conduct outburst mining operations | AUSMASA | RIIMCU305D | Conduct outburst mining operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU306E | Conduct shearer operations | AUSMASA | RIIMCU306D | Conduct shearer operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU307E | Conduct longwall face equipment operations | AUSMASA | RIIMCU307D | Conduct longwall face equipment operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU308E | Install and recover longwall equipment | AUSMASA | RIIMCU308D | Install and recover longwall equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU309E | Operate breaker line supports | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU310E | Conduct flexible conveyor train (FCT) operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU311E | Monitor control processes | AUSMASA | RIIMCU311D | Monitor control processes | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| RIIMCU312 | Conduct polymeric chemical operations in underground coal mining | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMCU313 | Mix and pump polymeric chemicals in underground coal mining | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMCU314 | Transport and store polymeric chemicals in underground coal mining | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMCU401E | Conduct special roadway operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIMCU403E | Apply and monitor the gas management plan | AUSMASA | RIIMCU403D | Apply and monitor the gas management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU404E | Apply and monitor the gas drainage management plan | AUSMASA | RIIMCU404D | Apply and monitor the gas drainage management plan | E | 1 | Editorial corrections to performance criteria 2.1 and knowledge evidence. Added mapping table. |
| RIIMCU405D | Apply and monitor the outburst management plan | AUSMASA | RIIMCU405A | Apply and monitor the outburst management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU406E | Apply and monitor the inrush management plan | AUSMASA | RIIMCU406D | Apply and monitor the inrush management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU407E | Apply and monitor the strata management plan | AUSMASA | RIIMCU407D | Apply and monitor the strata management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU408E | Apply the spontaneous combustion management plan | AUSMASA | RIIMCU408D | Apply the spontaneous combustion management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| RIIMCU409 | Apply and monitor polymeric chemical management plans | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMCU501E | Implement the spontaneous combustion management plan | AUSMASA | RIIMCU501D | Implement the spontaneous combustion management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU502E | Implement the gas management plan | AUSMASA | RIIMCU502D | Implement the gas management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU503D | Implement the gas drainage management plan | AUSMASA | RIIMCU503A | Implement the gas drainage management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU504D | Implement the outburst management plan | AUSMASA | RIIMCU504A | Implement the outburst management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU505E | Implement the inrush management plan | AUSMASA | RIIMCU505D | Implement the inrush management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU506E | Implement the strata management plan | AUSMASA | RIIMCU506D | Implement the strata management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU601E | Establish and maintain spontaneous combustion management systems | AUSMASA | RIIMCU601D | Establish and maintain spontaneous combustion management systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| RIIMCU602E | Establish and maintain gas management systems | AUSMASA | RIIMCU602D | Establish and maintain gas management system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU603D | Establish and maintain the gas drainage management plan | AUSMASA | RIIMCU603A | Establish and maintain the gas drainage management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU604D | Establish and maintain the outburst management plan | AUSMASA | RIIMCU604A | Establish and maintain the outburst management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMCU605E | Establish and maintain inrush management systems | AUSMASA | RIIMCU605D | Establish and maintain the inrush management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMCU606E | Establish and maintain the mining method and strata management systems | AUSMASA | RIIMCU606D | Establish and maintain the mining method and strata management systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMEX201E | Suppress dust in open-cut environments | AUSMASA | RIIMEX201D | Suppress dust in open-cut environments | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMEX203D | Break oversize rock | AUSMASA | RIIMEX203B | Break oversize rock | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX204D | Conduct workboat/barge operations | AUSMASA | RIIMEX204A | Conduct workboat/barge operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX301D | Conduct dredging operations | AUSMASA | RIIMEX301A | Conduct dredging operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX302D | Assess ground conditions | AUSMASA | RIIMEX302B | Assess ground conditions | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX303 | Conduct local geotechnical risk control in surface operations | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMEX401D | Apply pit plan | AUSMASA | RIIMEX401A | Apply pit plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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|------------|---|----------------|-----------------|---|-----------------|----------------|---|
| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX402E | Supervise dredging operations | AUSMASA | RIIMEX402D | Supervise dredging operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMEX403E | Supervise canal construction | BuildSkills | RIIMEX403D | Apply the principles of canal construction | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIMEX404E | Apply and monitor systems for stable mining | AUSMASA | RIIMEX404D | Apply and monitor systems for stable mining | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMEX405E | Apply and monitor systems and methods of surface coal mining | AUSMASA | RIIMEX405D | Apply and monitor systems and methods of surface coal mining | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMEX406D | Apply and monitor mine transport systems and production equipment | AUSMASA | RIIMEX406A | Apply and monitor mine transport systems and production equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX407 | Apply and monitor the ground control management plan | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMEX408 | Supervise overburden dump operations | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMEX501D | Implement pit plan | AUSMASA | RIIMEX501A | Implement pit plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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|------------|--|----------------|-----------------|--|-----------------|----------------|---|
| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX502D | Implement systems and methods of mining | AUSMASA | RIIMEX502A | Implement systems and methods of mining | E | 2 | Performance Criteria numbering corrected. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX503E | Manage dredging operations | AUSMASA | RIIMEX503D | Manage dredging operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIMEX504 | Implement the ground control management plan | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIMEX601D | Plan pit development | AUSMASA | RIIMEX601A | Plan pit development | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX602D | Establish and maintain surface mining ground control and slope stability systems | AUSMASA | RIIMEX602A | Establish and maintain surface mining ground control and slope stability systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX603D | Establish and maintain underground mining ground | AUSMASA | RIIMEX603A | Establish and maintain underground mining ground | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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| | control and stable mining systems | | | control and stable mining systems | | | Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMEX604D | Establish and maintain surface product haulage and transport systems | AUSMASA | RIIMEX604A | Establish and maintain surface product haulage and transport systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMPG301D | Control and monitor automated plant/machinery | Shared | RIIMPG301A | Control and monitor automated plant/machinery | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMPO201E | Operate roller/compactor underground | AUSMASA | RIIMPO201D | Operate roller/compactor underground | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO205E | Operate roller/compactor | Shared | RIIMPO205D | Operate roller/compactor | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO206D | Conduct bulk water truck operations | BuildSkills | RIIMPO206B | Conduct bulk water truck operations | NE | 5 | Performance Criteria 3.6 and Performance Evidence grammatical corrections. No new content. |
| RIIMPO208F | Operate support equipment | AUSMASA | RIIMPO208E | Operate support equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version |

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| | | | | | | | 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO210E | Conduct underground truck operations | AUSMASA | RIIMPO210D | Conduct underground truck operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO301E | Conduct hydraulic excavator operations | AUSMASA | RIIMPO301D | Conduct hydraulic excavator operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO302E | Conduct hydraulic shovel operations | AUSMASA | RIIMPO302D | Conduct hydraulic shovel operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO303E | Conduct rope shovel operations | AUSMASA | RIIMPO303D | Conduct rope shovel operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO304E | Conduct wheel loader operations | AUSMASA | RIIMPO304D | Conduct wheel loader operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO305F | Conduct coal stockpile dozer operations | AUSMASA | RIIMPO305E | Conduct coal stockpile dozer operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO306D | Operate plant/machinery on live stockpiles | AUSMASA | RIIMPO306A | Operate plant/machinery on live stockpiles | NE | 3 | Performance Criteria corrections. Title of element 3 corrected. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry |

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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMPO307E | Conduct wheel grader operations in underground mines | AUSMASA | RIIMPO307D | Conduct wheel grader operations in underground mines | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO308F | Conduct tracked dozer operations | AUSMASA | RIIMPO308E | Conduct tracked dozer operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO309F | Conduct wheeled dozer operations | AUSMASA | RIIMPO309E | Conduct wheeled dozer operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO310F | Conduct grader operations | AUSMASA | RIIMPO310E | Conduct grader operations | E | 2 | Editorial corrections. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO312E | Conduct scraper operations | AUSMASA | RIIMPO312D | Conduct scraper operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO313E | Conduct face loader operations | AUSMASA | RIIMPO313D | Conduct face loader operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO315E | Conduct tractor operations | BuildSkills | RIIMPO315D | Conduct tractor operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO316E | Conduct self-propelled compactor operations | BuildSkills | RIIMPO316D | Conduct self-propelled compactor operations | E | 4 | Editorial and other amendments made to clarify requirements in Application and Performance |

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| | | | | | | | Criteria 3.3. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO317 | Conduct roller operations | BuildSkills | RIIMPO317 F | Conduct roller operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Minor typo amendment to Element (1.). Inclusion of NEW Element (2.) “Conduct pre-operational checks” NEW Element (3.) “Select, remove, fit and use attachments”, and NEW Element (4.) “Work safely in proximity to powerline infrastructure”. Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. Original Element (3.) relocated to Element (6.) and renamed from “Prepare to relocate the roller “ to “Park up, shutdown and secure the roller”. Original Element (4.) relocated to Element (7.) <p>Performance Criteria:</p> <ul style="list-style-type: none"> Renumbering and reordering all PCs to align with the respective Element changes. Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). Addition of machinery service status check at PC 1.9. Original PC 3.3 “Assist loading and unloading machine from float/trailer as required by |

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| | | | | | | | <p>safe work practices” removed from the unit as it is not within scope of work activity.</p> <ul style="list-style-type: none"> · Addition of new PCs 2.1-2.6, 3.1-3.4 and 4.1-4.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Reference to “loading/unloading” removed as it is outside scope of activity. · Clarification of the number of occasions a work activity must be demonstrated. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Handover requirements”, “basic equipment faults” and “determining safe working loads” refocused on operational safety and equipment use. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. · Reference to “sloping and benching” added under safe work instructions requirements. |

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| | | | | | | | <p>Assessment Conditions:</p> <ul style="list-style-type: none"> Access to “attachments” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIMPO318 | Conduct civil construction skid steer loader operations | BuildSkills | RIIMPO318 F | Conduct civil construction skid steer loader operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (7.) “Use spreading and levelling techniques”. Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. Original Element (3.) relocated to Element (6.) and renamed from “Load, carry and place materials to complete work activity” to “Lift/Load, secure, carry and place materials to complete work activity”. |

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| | | | | | | | <ul style="list-style-type: none"> · Original Element (4.) relocated to Element (3.) and renamed to Select, remove, fit and use attachments “. · Original Element (5.) relocated to Element (8.) and renamed from “Prepare to relocate the skid steer loader” to “Park up, shutdown and secure the skid steer loader”. · Original Element (6.) relocated to Element (9.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Renumbering and reordering all PCs to align with the respective Element changes. · Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). · Addition of machinery service status check at PC 1.9. · Original PC 5.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. · Addition of new PCs 2.1-2.6, 4.1-4.5 and 7.1-7.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Reference to “loading/unloading” removed as it is outside scope of activity. |

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| | | | | | | | <ul style="list-style-type: none"> · Clarification of the number of occasions a work activity must be demonstrated. · List of attachment options expanded. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Handover requirements”, “basic equipment faults” and “determining safe working loads” refocused on operational safety and equipment use. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> · Access to “attachments” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” |

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| | | | | | | | <ul style="list-style-type: none"> Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIMPO319 | Conduct civil construction backhoe/loader operations | Shared | RIIMPO319E | Conduct backhoe/loader operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (7.) “Use spreading and levelling techniques”. Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. Original Element (3.) relocated to Element (6.) and renamed from “Load, carry and place materials to complete work activity” to “Lift/Load, secure, carry and place materials to complete work activity”. Original Element (4.) relocated to Element (3.) and renamed to Select, remove, fit and use attachments “. Original Element (5.) relocated to Element (8.) and renamed from “Relocate the backhoe/loader” to “Park up, shutdown and secure the backhoe/loader”. Original Element (6.) relocated to Element (9.). <p>Performance Criteria:</p> |

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| | | | | | | | <ul style="list-style-type: none"> · Renumbering and reordering all PCs to align with the respective Element changes. · Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). · Addition of machinery service status check at PC 1.9. · Addition of new PCs 2.1-2.6, 4.1-4.5 and 7.1-7.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Clarification of the number of occasions a work activity must be demonstrated. · List of attachment options expanded. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. |

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| | | | | | | | <p>Assessment Conditions:</p> <ul style="list-style-type: none"> Access to “attachments” and “materials” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIMPO320 | Conduct civil construction excavator operations | BuildSkills | RIIMPO320 F | Conduct civil construction excavator operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (7.) “Use spreading and levelling techniques”. Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. Original Element (3.) relocated to Element (6.) and renamed from “Lift, carry and place materials to complete work activity” to “Lift/Load, |

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| | | | | | | | <p>secure, carry and place materials to complete work activity”.</p> <ul style="list-style-type: none"> Original Element (4.) relocated to Element (3.) and renamed to Select, remove, fit and use attachments “. Original Element (5.) relocated to Element (8.) and renamed from “Prepare to relocate the excavator” to “Park up, shutdown and secure the excavator”. Original Element (6.) relocated to Element (9.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> Renumbering and reordering all PCs to align with the respective Element changes. Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). Addition of machinery service status check at PC 1.9. Original PC 5.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. Addition of new PCs 2.1-2.6, 4.1-4.5 and 7.1-7.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. |

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| | | | | | | | <ul style="list-style-type: none"> · Reference to “loading/unloading” removed as it is outside scope of activity. · Clarification of the number of occasions a work activity must be demonstrated. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> · Access to “materials” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. |

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| | | | | | | | <ul style="list-style-type: none"> Simplification of remaining wording to align with industry requirements. |
| RIIMPO321 | Conduct civil construction wheeled front end loader operations | BuildSkills | RIIMPO321 F | Conduct civil construction wheeled front end loader operations | E | 1 | <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (7.) “Use spreading and levelling techniques”. Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. Original Element (3.) split into two Elements (3.) and (6.) and renamed to “Select, remove, fit and use attachments” at Element (3.) and “Lift/Load, secure, carry and place materials to complete work activity” at Element (6.). Original Element (4.) relocated to Element (8.) and renamed from “Prepare to relocate the front end loader” to “Park up, shutdown and secure the wheeled front end loader”. Original Element (5.) relocated to Element (9.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> Renumbering and reordering all PCs to align with the respective Element changes. Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). |

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| | | | | | | | <ul style="list-style-type: none"> · Addition of machinery service status check at PC 1.9. · Original PC 4.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. · Addition of new PCs 2.1-2.6, 4.1-4.5 and 7.1-7.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Clarification of the number of occasions a work activity must be demonstrated. · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Reference to “loading/unloading” removed as it is outside scope of activity. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> · Access to “attachments” added. |

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| | | | | | | | <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. · Simplification of remaining wording to align with industry requirements. |
| RIIMPO322 | Conduct civil construction tracked front end loader operations | BuildSkills | RIIMPO322 E | Conduct civil construction tracked front end loader operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> · Renumbering and reordering all elements to align with workflow. · Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (7.) “Use spreading and levelling techniques”. · Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. · Original Element (3.) split into two Elements (3.) and (6.) and renamed to “Select, remove, fit and use attachments” at Element (3.) and “Lift/Load, secure, carry and place materials to complete work activity” at Element (6.). |

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| | | | | | | | <ul style="list-style-type: none"> · Original Element (4.) relocated to Element (8.) and renamed to “Park up, shutdown and secure the tracked front end loader”. · Original Element (5.) relocated to Element (9.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Renumbering and reordering all PCs to align with the respective Element changes. · Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). · Addition of machinery service status check at PC 1.9. · Original PC 4.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. · Addition of new PCs 2.1-2.6, 4.1-4.5 and 7.1-7.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Clarification of the number of occasions a work activity must be demonstrated. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Reference to “loading/unloading” removed as it is outside scope of knowledge required. · Content revised to reflect competency-based performance expectations. |

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| | | | | | | | <ul style="list-style-type: none"> Wording made consistent with standard site terminology. Removal of “project quality” and “drawings and sketches” and “materials characteristics”. “Machine guidance systems” added to reflect operational and safety practices. Addition of high-risk hazard controls to support powerline infrastructure knowledge. References to key material and compaction principles simplified. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> Access to “attachments” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIMPO323 | Conduct civil construction dozer operations | BuildSkills | RIIMPO323E | Conduct civil construction dozer operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work |

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| | | | | | | | <p>safely in proximity to powerline infrastructure” and NEW Element (6.) “Use spreading and levelling techniques”.</p> <ul style="list-style-type: none"> Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. Original Element (3.) renamed from “Select, remove, fit and use attachments for a dozer” to “Select, remove, fit and use attachments”. Original Element (4.) relocated to Element (7.) and renamed to “Park up, shutdown and secure the dozer”. Original Element (5.) relocated to Element (8.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> Renumbering and reordering all PCs to align with the respective Element changes. Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). Addition of machinery service status check at PC 1.9. Original PC 4.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. Addition of new PCs 2.1-2.6, 4.1-4.5 and 6.1-6.5. <p>Performance Evidence:</p> |

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| | | | | | | | <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Clarification of the number of occasions a work activity must be demonstrated. · Reference to “loading/unloading” removed as it is outside scope of activity. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Reference to “loading/unloading” removed as it is outside scope of knowledge required. · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> · Access to “attachments” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational |

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| | | | | | | | <p>education and training legislation, frameworks and/or standards.”</p> <ul style="list-style-type: none"> · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. · Simplification of remaining wording to align with industry requirements. |
| RIIMPO324 | Conduct civil construction grader operations | BuildSkills | RIIMPO324 F | Conduct civil construction grader operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> · Renumbering and reordering all elements to align with workflow. · Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (6.) “Use spreading and levelling techniques”. · Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. · Original Element (3.) renamed from “Select, remove, fit and use attachments for a grader” to “Select, remove, fit and use attachments”. · Original Element (4.) relocated to Element (7.) and renamed to “Park up, shutdown and secure the grader”. · Original Element (5.) relocated to Element (8.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Renumbering and reordering all PCs to align with the respective Element changes. |

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| | | | | | | | <ul style="list-style-type: none"> · Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). · Addition of machinery service status check at PC 1.9. · Original PC 4.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. · Addition of new PCs 2.1-2.6, 4.1-4.5 and 6.1-6.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Clarification of the number of occasions a work activity must be demonstrated. · Reference to “loading/unloading” removed as it is outside scope of activity. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Reference to “loading/unloading” removed as it is outside scope of knowledge required. · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. |

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| | | | | | | | <ul style="list-style-type: none"> “Machine guidance systems” added to reflect operational and safety practices. Addition of high-risk hazard controls to support powerline infrastructure knowledge. References to key material and compaction principles simplified. <p>Assessment Conditions:</p> <ul style="list-style-type: none"> Access to “attachments” added. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIMPO325 | Conduct civil construction scraper operations | BuildSkills | RIIMPO325E | Conduct civil construction scraper operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Renumbering and reordering all elements to align with workflow. Inclusion of NEW Element (2.) “Conduct pre-operational checks”, NEW Element (3.) “Select, remove, fit and use attachments”, NEW Element (4.) “Work safely in proximity to powerline infrastructure” and NEW Element (6.) “Use spreading and levelling techniques”. |

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| | | | | | | | <ul style="list-style-type: none"> · Original Element (2.) relocated to Element (5.) and renamed to “Operate machine in line with established requirements”. · Original Element (3.) removed. · Original Element (4.) relocated to Element (7.) and renamed to “Park up, shutdown and secure the scraper”. · Original Element (5.) relocated to Element (8.). <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Renumbering and reordering all PCs to align with the respective Element changes. · Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). · Addition of machinery service status check at PC 1.9. · Original PC 4.3 “Assist loading and unloading machine from float/trailer as required by safe work practices” removed from the unit as it is not within scope of work activity. · Addition of new PCs 2.1-2.6, 4.1-4.5 and 6.1-6.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Clarification of the number of occasions a work activity must be demonstrated. |

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| | | | | | | | <ul style="list-style-type: none"> · Reference to “loading/unloading” removed as it is outside scope of activity. Knowledge Evidence: <ul style="list-style-type: none"> · Reference to “loading/unloading” removed as it is outside scope of knowledge required. · Content revised to reflect competency-based performance expectations. · Wording made consistent with standard site terminology. · Removal of “project quality” and “drawings and sketches” and “materials characteristics”. · “Machine guidance systems” added to reflect operational and safety practices. · Addition of high-risk hazard controls to support powerline infrastructure knowledge. · References to key material and compaction principles simplified. Assessment Conditions: <ul style="list-style-type: none"> · Access to “attachments” added. Assessment Conditions (Assessor Requirements): <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. |

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| | | | | | | | · Simplification of remaining wording to align with industry requirements. |
| RIIMPO326E | Conduct water vehicle operations | BuildSkills | RIIMPO326D | Conduct civil construction water cart operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities, name of unit and content to apply to all industries. |
| RIIMPO327E | Conduct pipe layer operations | BuildSkills | RIIMPO327D | Conduct pipe layer operations | E | 3 | Editorial and other amendments made to clarify requirements in Application and Performance Criteria 4.3. Minor updates to reflect changes to operator maintenance and relocation activities, and the use of lifting gear. |
| RIIMPO328E | Conduct continuous bucket trencher operations | BuildSkills | RIIMPO328D | Conduct continuous bucket trencher operations | E | 2 | Editorial and other amendments made to clarify requirements in Application and Performance Criteria 4.3. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO329F | Conduct dragline operations | AUSMASA | RIIMPO329D | Conduct dragline operations | E | 2 | Minor update to reflect correct mapping information. |
| RIIMPO331E | Conduct operations with stockpile dozer | AUSMASA | RIIMPO331D | Conduct operations with stockpile dozer | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO333E | Conduct underground load, haul and dump truck operations | AUSMASA | RIIMPO333D | Conduct underground load haul dump operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO334E | Conduct skid steer loader operations using attachments | Shared | RIIMPO334D | Conduct skid steer loader operations using attachments | E | 3 | Editorial and other amendments made to clarify requirements in Application and Performance Criteria 5.3. Minor updates to reflect changes to operator maintenance and relocation activities. |

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| RIIMPO335E | Conduct skid steer loader operations without attachments | Shared | RIIMPO335D | Conduct skid steer loader operations without attachments | E | 2 | Editorial and other amendments made to clarify requirements in Application and Performance Criteria 4.3. Minor updates to reflect changes to operator maintenance and relocation activities. |
| RIIMPO336E | Conduct belly dump truck operations | Shared | RIIMPO336D | Conduct belly dump truck operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. Minor updates to reflect changes to operator maintenance activities. |
| RIIMPO337 | Conduct articulated haul truck operations | Shared | RIIMPO337E | Conduct articulated haul truck operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> · Addition of NEW Element (2.) “Conduct pre-operational checks”. <p>Performance Criteria:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). · Removal of reference to ‘geological and survey data’ (previously PC 1.5) in line with scope of responsibility. · Renumbering and reordering all PCs to align with the respective Element changes. · Addition of NEW PCs 2.1-2.6. · Specific reference to ‘fuel, hydraulic and coolant lines’ checks to support regulatory focus on fires on mobile plant at PC 2.6. · Expanded detail of current haulage and WHS practices and techniques at PCs 4.1-4.5. · Wording refined at PCs 5.1-5.3. |

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| | | | | | | | <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Alignment with current site safety and SWMS/JSA requirements. · Addition of explicit references to safe operating procedures, site-specific PPE, communication methods, and refuelling requirements. · Updated terminology for loading equipment and clearer sequencing of operational stages from prestart to shut down. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Refinement and expansion to improve alignment with site operations and haulage safety requirements. · Addition of new site information items to reflect operational practice and risk management controls. · Simplification of structure and removal of redundant wording for clarity and consistency. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, |

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| | | | | | | | frameworks and/or standards as Assessors, if assessing. <ul style="list-style-type: none"> Simplification of remaining wording to align with industry requirements. |
| RIIMPO338 | Conduct rigid haul truck operations | Shared | RIIMPO338E | Conduct rigid haul truck operations | E | 1 | <p>Elements:</p> <ul style="list-style-type: none"> Addition of NEW Element (2.) “Conduct pre-operational checks”. <p>Performance Criteria:</p> <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. Rewording of all PCs to align with the correct procedures or requirements applicable to each work activity (e.g. worksite instructions, manufacturer instructions, WHS requirements etc.). Removal of reference to ‘geological and survey data’ (previously PC 1.5) in line with scope of responsibility. Renumbering and reordering all PCs to align with the respective Element changes. Addition of NEW PCs 2.1-2.6. Specific reference to ‘fuel, hydraulic and coolant lines’ checks to support regulatory focus on fires on mobile plant at PC 2.6. Expanded detail of current haulage and WHS practices and techniques at PCs 4.1-4.5. Wording refined at PCs 5.1-5.3. <p>Performance Evidence:</p> <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. |

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| | | | | | | | <ul style="list-style-type: none"> · Alignment with current site safety and SWMS/JSA requirements. · Addition of explicit references to safe operating procedures, site-specific PPE, communication methods, and refuelling requirements. · Updated terminology for loading equipment and clearer sequencing of operational stages from prestart to shut down. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Refinement and expansion to improve alignment with site operations and haulage safety requirements. · Addition of new site information items to reflect operational practice and risk management controls. · Simplification of structure and removal of redundant wording for clarity and consistency. <p>Assessment Conditions (Assessor Requirements):</p> <ul style="list-style-type: none"> · Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” · Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. · Simplification of remaining wording to align with industry requirements. |

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| RIIMPO339A | Conduct side tipper operations | Shared | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0. |
| RIIMPO401D | Supervise mobile plant operations | Shared | RIIMPO401A | Supervise mobile plant operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMPO402D | Apply the principles of earthworks construction | BuildSkills | RIIMPO402A | Apply the principles of earthworks construction | E | 4 | Editorial corrections. |
| RIIMPO403D | Monitor interaction of heavy and light vehicles and mining equipment | AUSMASA | RIIMPO403A | Monitor interaction of heavy and light vehicles and mining equipment | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMPO501D | Implement, monitor, rectify and report on mobile plant and equipment systems | Shared | RIIMPO501A | Implement, monitor, rectify and report on mobile plant and equipment systems | NE | 3 | Performance Criteria numbering corrected. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIMPO502D | Manage the interaction of heavy and light vehicles and mining equipment | AUSMASA | RIIMPO502A | Manage the interaction of heavy and light vehicles and mining equipment | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry |

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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB201E | Load, secure and unload drilling equipment and materials | Shared | RIINHB201D | Load, secure and unload drilling equipment and materials | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB202E | Set up and pack up drill sites | Shared | RIINHB202D | Set up/pack up drill site | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB203E | Support drilling processes | Shared | RIINHB203D | Support drilling processes | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB205F | Assist continuous flight auger drilling | AUSMASA | RIINHB205E | Assist continuous flight auger drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB206E | Assist large diameter auger drilling | AUSMASA | RIINHB206D | Assist large diameter auger drilling | NE | 1 | Substantial amendments made to knowledge evidence |
| RIINHB208E | Assist diamond core drilling | AUSMASA | RIINHB208D | Assist diamond core drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB210E | Assist surface directional drilling | AUSMASA | RIINHB210D | Assist surface directional drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB211E | Assist mud rotary drilling | AUSMASA | RIINHB211D | Assist mud rotary drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB217E | Assist horizontal direction drilling | AUSMASA | RIINHB217D | Assist horizontal direction drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB218E | Assist grouting and cementing operations | AUSMASA | RIINHB218D | Assist grouting and cementing operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIINHB219E | Assist with reverse circulation drilling | AUSMASA | RIINHB219D | Assist with air drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB220 | Assist coil tube drilling | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB221 | Assist rotary air drilling | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB222 | Assist sonic drilling operations | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB223 | Prepare, run and cement casing | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB301E | Set up and prepare for drilling operations | AUSMASA | RIINHB301D | Set up and prepare for drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB302D | Conduct reaming | AUSMASA | RIINHB302A | Conduct reaming | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB303D | Install product pipe | AUSMASA | RIINHB303A | Install product pipe | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIINHB304E | Conduct reverse circulation drilling operations | AUSMASA | RIINHB304D | Conduct air drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB305E | Conduct continuous flight auger drilling | AUSMASA | RIINHB305D | Conduct continuous flight auger drilling | E | 1 | Performance criteria removed, and, performance and knowledge evidence amended to enable implementation of unit in all required drilling applications. |
| RIINHB306E | Conduct large diameter auger drilling | AUSMASA | RIINHB306D | Conduct large diameter auger drilling | E | 1 | Knowledge evidence amended. |
| RIIMSM307D | Install and maintain ventilation systems and equipment | AUSMASA | RIIMSM307B | Install and maintain ventilation systems and equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB308D | Conduct wireline core drilling | AUSMASA | RIINHB308A | Conduct wireline core drilling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB309E | Conduct guided boring | AUSMASA | RIINHB309D | Conduct guided boring | E | 1 | Civil construction added to application and unit sector. Mapping table added. |
| RIINHB310D | Conduct surface directional drilling | AUSMASA | RIINHB310A | Conduct surface directional drilling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIINHB311E | Conduct mud rotary drilling operations | AUSMASA | RIINHB311D | Conduct mud rotary drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB312D | Conduct raise boring | AUSMASA | RIINHB312A | Conduct raise boring | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB315D | Conduct top-hole hammer drilling | AUSMASA | RIINHB315A | Conduct top-hole hammer drilling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB316D | Conduct underground in-seam directional drilling | AUSMASA | RIINHB316A | Conduct underground in-seam directional drilling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB317D | Install underground in-seam directional drilling standpipes | AUSMASA | RIINHB317A | Install underground in-seam directional drilling standpipes | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIINHB318D | Install and operate water and gas control equipment | AUSMASA | RIINHB318A | Install and operate water and gas control equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB320D | Construct monitoring bores | AUSMASA | RIINHB320A | Construct monitoring bores | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB322E | Construct multiple aquifer production bores | AUSMASA | RIINHB322D | Construct multiple aquifer production bores | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB323D | Conduct horizontal directional drilling | AUSMASA | RIINHB323A | Conduct horizontal directional drilling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB324E | Conduct grouting or cementing operations | AUSMASA | RIINHB324D | Conduct grouting or cementing operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB325E | Construct single aquifer bores | AUSMASA | RIINHB325D | Construct and complete single aquifer production bores | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIINHB326 | Conduct coil tube drilling | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB327 | Conduct cyber chair drilling operations | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB328 | Conduct rotary air drilling | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB329 | Conduct sonic drilling operations | AUSMASA | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB330 | Conduct down-hole hammer drilling | AUSMASA | RIIBHD305D | Conduct down-hole hammer drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB401E | Plan and supervise the mobilisation of equipment, crew and materials | AUSMASA | RIINHB401D | Plan and supervise the mobilisation of equipment, crew and materials | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB402E | Supervise drilling operations | AUSMASA | RIINHB402D | Supervise mineral exploration drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIINHB403D | Supervise geotechnical drilling operations | AUSMASA | RIINHB403A | Supervise geotechnical drilling operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB411E | Construct artesian (flowing) aquifer bores | AUSMASA | RIINHB411D | Construct artesian (flowing) aquifer production bores | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIINHB412D | Construct geothermal wells | AUSMASA | RIINHB412B | Construct geothermal wells | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIINHB501F | Plan drilling | AUSMASA | RIINHB501E | Plan drilling | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD202E | Carry out equipment and basic rig maintenance procedures | AUSMASA | RIIOGD202D | Carry out equipment and basic rig maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD203F | Prepare and operate drilling fluid systems | AUSMASA | RIIOGD203E | Prepare and operate drilling fluid systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD204F | Perform rig floor operations | AUSMASA | RIIOGD204E | Perform rig floor operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD205E | Support blow out prevention operations | AUSMASA | RIIOGD205D | Support blow out prevention operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD206E | Assist and monitor well control operations | AUSMASA | RIIOGD206D | Assist with coal seam gas control | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD209F | Operate and maintain ancillary equipment | AUSMASA | RIIOGD209E | Operate and maintain ancillary equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD301E | Conduct and maintain derrick operations | AUSMASA | RIIOGD301D | Conduct and maintain derrick operations | E | 1 | Two element titles and multiple performance criteria amended. Performance and knowledge evidence amended. |

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| RIIOGD302F | Assist in running casing | AUSMASA | RIIOGD302E | Trip casing | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD303F | Trip pipe | AUSMASA | RIIOGD303E | Trip pipe | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD304D | Apply effective coal seam gas control practices | AUSMASA | RIIOGD304A | Apply effective coal seam gas control practices | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIOGD305E | Apply blow out prevention operational procedures | AUSMASA | RIIOGD305D | Apply blow out prevention operational procedures | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD401E | Rig up, conduct pre-spud operations and rig down | AUSMASA | RIIOGD401D | Rig up, conduct pre-spud operations and rig down | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD402E | Participate in nipping-up and pressure tests | AUSMASA | RIIOGD402D | Participate in nipping-up and pressure tests | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD403E | Conduct drilling operations | AUSMASA | RIIOGD403D | Conduct drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD404E | Coordinate air drilling operations | AUSMASA | RIIOGD404D | Coordinate air drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD405E | Carry out well control and blow out prevention operations | AUSMASA | RIIOGD405D | Carry out well control and blow out prevention | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIIOGD501F | Manage rig operations | AUSMASA | RIIOGD501E | Manage rig operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD502E | Plan and evaluate rig operations | AUSMASA | RIIOGD502D | Plan and evaluate rig operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD503E | Oversee drilling operations | AUSMASA | RIIOGD503D | Oversee drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD504E | Manage drilling operations | AUSMASA | RIIOGD504D | Manage drilling operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD505E | Manage drilling and well servicing induction and orientation | AUSMASA | RIIOGD505D | Manage drilling induction and orientation | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGD506D | Manage rig move and camp move | AUSMASA | RIIOGD506A | Manage rig move and camp move | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIOGD507D | Manage and monitor rig-up and rig-up to spud operations | AUSMASA | RIIOGD507A | Manage and monitor rig-up and rig-up to spud operations | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIOGD508D | Manage well completion and abandonment | AUSMASA | RIIOGD508A | Manage well completion and abandonment | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. |

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| | | | | | | | Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIOGD601D | Manage multiple drilling operations | AUSMASA | RIIOGD601A | Manage multiple drilling operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIOGF302E | Operate drilling fluids and mud pits | BuildSkills | RIIOGF302D | Operate drilling fluids and mud pits | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGN201F | Carry out rig lease operations | AUSMASA | RIIOGN201E RIIWSV202E | Carry out rig lease operations Carry out well servicing rig lease operations | NE | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGN302F | Operate mud pumps | AUSMASA | RIIOGN302E | Operate mud pumps | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIOGN303E | Operate, monitor and maintain mud systems | AUSMASA | RIIOGN303D | Operate mud systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIPBE201D | Conduct aeration process | AUSMASA | RIIPBE201A | Conduct aeration process | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIIPBE202D | Conduct digestion process | AUSMASA | RIIPBE202A | Conduct digestion process | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE203D | Conduct precipitation operations | AUSMASA | RIIPBE203A | Conduct precipitation operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE204D | Conduct reduction process | AUSMASA | RIIPBE204A | Conduct reduction process | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE301D | Conduct calcinations activities | AUSMASA | RIIPBE301A | Conduct calcinations activities | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE302D | Conduct bacterial oxidation | AUSMASA | RIIPBE302A | Conduct bacterial oxidation | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry |

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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE303D | Conduct filtering process | AUSMASA | RIIPBE303B | Conduct filtering process | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE304D | Conduct heavy media separation | AUSMASA | RIIPBE304B | Conduct heavy media separation | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE305D | Conduct high tension separation | AUSMASA | RIIPBE305A | Conduct high tension separation | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE306D | Conduct leaching process | AUSMASA | RIIPBE306A | Conduct leaching process | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIIPBE308D | Conduct thickening and clarifying process | AUSMASA | RIIPBE308B | Conduct thickening and clarifying process | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE309D | Conduct wet gravity separation | AUSMASA | RIIPBE309B | Conduct wet gravity separation | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE310D | Conduct flotation process | AUSMASA | RIIPBE310B | Conduct flotation process | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPBE311D | Conduct magnetic separation | AUSMASA | RIIPBE311B | Conduct magnetic separation | E | 2 | Editorial corrections. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIIPEO201E | Conduct conveyor operations | AUSMASA | RIIPEO201D | Conduct conveyor operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIPEO202E | Provide deck support for conveyor-car high wall mining operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIPEO203D | Conduct stacker operations | AUSMASA | RIIPEO203D | Conduct stacker operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPEO204D | Conduct shore side mooring operations | AUSMASA | RIIPEO204D | Conduct shore side mooring operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPEO205D | Conduct ship loading operations | AUSMASA | RIIPEO205A | Conduct ship loading operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPEO206D | Lay and recover cables and hoses | AUSMASA | RIIPEO206D | Lay and recover cables and hoses | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPEO207E | Carry out conveyor system shift | AUSMASA | RIIPEO207D | Carry out conveyor system shift | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIPEO208E | Extend, retract and maintain conveyor componentry | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIPEO301E | Conduct conveyor-car high wall mining operations | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIPEO302E | Operate and monitor ore car dumpers | AUSMASA | RIIPEO302D | Operate and monitor ore car dumpers | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIPGP201D | Conduct pump operations | AUSMASA | RIIPGP201A | Conduct pump operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPGP202D | Handle reagents | AUSMASA | RIIPGP202A | Handle reagents | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPGP203D | Operate compressors | AUSMASA | RIIPGP203A | Operate compressors | E | 2 | Performance Criteria numbering amended. Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry |

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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPGP301D | Conduct drying activities | AUSMASA | RIIPGP301A | Conduct drying activities | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPGP302D | Monitor and operate auxiliary plant and equipment | AUSMASA | RIIPGP302A | Monitor and operate auxiliary plant and equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPHA201D | Operate raw material feed systems | AUSMASA | RIIPHA201A | Operate raw material feed systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPHA301D | Conduct milling/grinding | AUSMASA | RIIPHA301A | Conduct milling/ grinding | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIIPHA302D | Operate and monitor filter processes | AUSMASA | RIIPHA302A | Operate and monitor filter processes | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRE301D | Conduct electrowinning/electro-refining operations | AUSMASA | RIIPRE301A | Conduct electrowinning/ electrorefining operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRE302D | Conduct elution processes | AUSMASA | RIIPRE302A | Conduct elution processes | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRE303D | Conduct gold room operations | AUSMASA | RIIPRE303A | Conduct gold room operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRM501E | Implement, monitor, rectify and report on contracts | AUSMASA | RIIPRM501D | Implement, monitor, rectify and report on contracts | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIIPRO201D | Conduct crushing operations | AUSMASA | RIIPRO201A | Conduct crushing operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO202D | Conduct screening and conveying operations | AUSMASA | RIIPRO202A | Conduct screening and conveying operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO203D | Operate programmable logic control systems | Shared | RIIPRO203A | Operate programmable logic control systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO204D | Bulk package and store product | AUSMASA | RIIPRO204A | Bulk package and store product | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO205D | Conduct blending plant operations | Shared | RIIPRO205A | Conduct blending plant operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry |

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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO301D | Conduct crushing and screening plant operations | AUSMASA | RIIPRO301C | Conduct crushing and screening plant operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO302D | Perform process control room operations | AUSMASA | RIIPRO302A | Perform process control room operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO303D | Conduct sand wash plant operations | AUSMASA | RIIPRO303A | Conduct sand wash plant operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO401D | Supervise processing operations | AUSMASA | RIIPRO401A | Supervise processing operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIIPRO402D | Supervise recycled materials operations | AUSMASA | RIIPRO402A | Supervise recycled materials operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO501D | Implement site processing plant operations | AUSMASA | RIIPRO501A | Implement site processing plant operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPRO502D | Develop, implement and maintain process control systems | AUSMASA | RIIPRO502A | Develop, implement and maintain process control systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPSM302D | Cast ingots | AUSMASA | RIIPSM302A | Cast ingots | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIPSM304D | Operate furnaces | AUSMASA | RIIPSM304A | Operate furnaces | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including references to Industry |

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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIQUA201E | Maintain and monitor site quality standards | Shared | RIIQUA201E | Maintain and monitor site quality standards | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIQUA401E | Apply a quality management system on site | Shared | RIIQUA401D | Apply a quality management system on site | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIQUA501E | Implement, monitor and develop quality management plans | Shared | RIIQUA501D | Implement, monitor and develop quality management plans | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIQUA601E | Establish and maintain a quality system | Shared | RIIQUA601D | Establish and maintain a quality system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIRAI401D | Apply and monitor mine services and infrastructure systems | AUSMASA | RIIRAI401A | Apply and monitor mine services and infrastructure systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI402D | Apply and monitor site plant and resource management plan | Shared | RIIRAI402A | Apply and monitor site plant and resource management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI501D | Implement mine transport systems and production equipment | AUSMASA | RIIRAI501B | Implement mine transport systems and production equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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| | | | | | | | Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI502D | Develop and implement site plant and resource management plan | Shared | RIIRAI502A | Develop and implement site plant and resource management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI503D | Implement site services and infrastructure systems | AUSMASA | RIIRAI503B | Implement site services and infrastructure systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI504D | Select and install surface plant and equipment | AUSMASA | RIIRAI504A | Select and install surface plant and equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI505D | Implement the surface mine mechanical plant management plan | AUSMASA | RIIRAI505A | Implement the surface mine mechanical plant management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI506D | Implement, monitor, rectify and report on inventory control system | AUSMASA | RIIRAI506A | Implement, monitor, rectify and report on inventory control system | NE | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI507D | Implement the underground coal mine mechanical plant management plan | AUSMASA | RIIRAI507A | Implement the underground coal mine mechanical plant management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI508E | Implement mine services systems | AUSMASA | RIIRAI508D | Implement mine services systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIRAI509D | Implement mine fixed plant and infrastructure systems | AUSMASA | RIIRAI509A | Implement mine fixed plant and infrastructure systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI510D | Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry | AUSMASA | RIIRAI510A | Implement, monitor, rectify and report on interfaces between electrical and mechanical componentry | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI601D | Establish and maintain the site infrastructure and fixed plant systems | AUSMASA | RIIRAI601A | Establish and maintain the site infrastructure and fixed plant systems | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI602D | Establish and maintain mine mechanical plant, services and infrastructure systems | AUSMASA | RIIRAI602A | Establish and maintain mine mechanical plant, services and infrastructure systems | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI603E | Establish and maintain mine transport systems and production equipment | AUSMASA | RIIRAI603E | Establish and maintain mine transport systems and production equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIRAI604E | Establish and maintain mine services and infrastructure systems | AUSMASA | RIIRAI604D | Establish and maintain mine services and infrastructure systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIRAI605D | Establish and maintain an underground mine mechanical plant management system | AUSMASA | RIIRAI605A | Establish and maintain an underground mine mechanical plant management system | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI607D | Establish quarry operations | AUSMASA | RIIRAI607A | Establish quarry operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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| | | | | | | | Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI608D | Establish quarry development | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIIRAI609D | Establish and maintain electrical installations, reticulation and protection system | AUSMASA | RIIRAI609A | Establish and maintain electrical installations, reticulation and protection system | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI610D | Establish and maintain mechanical standard/engineering practices for transport/production equipment | AUSMASA | RIIRAI610A | Establish and maintain mechanical standard and engineering practices for transport and production equipment | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRAI611D | Establish and maintain a surface mine mechanical plant management system | AUSMASA | RIIRAI611A | Establish and maintain a surface mine mechanical plant management system | NE | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIRIS201E | Conduct local risk control | Shared | RIIRIS201D | Conduct local risk control | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIIRIS202E | Respond to site based spills | Shared | RIIRIS202D | Respond to site based spills | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIRIS301 | Apply risk management processes | Shared | RIIRIS301E | Apply risk management processes | NE | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 11.0. Amendments have been made to application, elements, performance criteria, foundation skills, knowledge and performance evidence and assessor requirements to better reflect the requirements of the resources and infrastructure industry. |
| RIIRIS401E | Apply site risk management system | Shared | RIIRIS401E | Apply site risk management system | E | 1 | Significant endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIRIS402E | Carry out the risk management process | Shared | RIIRIS402D | Carry out the risk management process | E | 1 | Significant endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIRIS403E | Manage and coordinate spill response | Shared | RIIRIS403D | Manage and coordinate spill response | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIRIS501E | Implement and maintain management systems to control risk | Shared | RIIRIS501D | Implement and maintain management systems to control risk | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIRIS601E | Establish and maintain risk management systems | Shared | RIIRIS601D | Establish and maintain the risk management system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIIRTM201E | Position, set-up and operate variable message signs | BuildSkills | RIIRTM201D | Position, set-up and operate variable message sign | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIRTM202E | Position, set-up and operate portable traffic signals | BuildSkills | RIIRTM202D | Position, set-up and operate portable traffic signals | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIRTM203E | Work as a safety observer/spotter | BuildSkills | RIIRTM203D | Work as a safety observer/spotter | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIRTM301E | Operate truck or trailer mounted attenuators | BuildSkills | RIIRTM301D | Operate a truck or trailer mounted attenuator | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIISAM201E | Handle resources and infrastructure materials and safely dispose of nontoxic materials | Shared | RIISAM201D | Handle resources and infrastructure materials and safely dispose of nontoxic materials | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM202E | Isolate and access plant | Shared | RIISAM202D | Isolate and access plant | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM203E | Use hand and power tools | Shared | RIISAM203D | Use hand and power tools | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM204E | Operate small plant and equipment | Shared | RIISAM204D | Operate small plant and equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM205E | Cut, weld and bend materials | Shared | RIISAM205D | Cut, weld and bend materials | E | 2 | Minor amendment to Knowledge Evidence to correct typographical error. |
| RIISAM207E | Apply operational maintenance skills | Shared | RIISAM207D | Apply operational maintenance skills | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIISAM208E | Perform plant operational maintenance | Shared | RIISAM208D | Perform plant operational maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM209E | Carry out operational maintenance | Shared | RIISAM209D | Carry out operational maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM212E | Service mine plant and equipment | AUSMASA | RIISAM212E | Service mine plant and equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM213E | Position and set up mobile lighting | Shared | RIISAM213D | Position and set up mobile lighting | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM215E | Carry out drilling industry operational maintenance | Shared | RIISAM215D | Carry out drilling industry operational maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM301F | Test operational functions of vehicles and equipment | AUSMASA | RIISAM301E | Test operational functions of vehicles and equipment | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM303E | Shutdown dredge for operator maintenance | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIISAM304E | Install, commission and maintain major conveyor equipment and systems | AUSMASA | RIISAM304D | Install, commission and maintain major conveyor equipment and systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM306E | Service and maintain conveyors, feeders and hoppers | AUSMASA | RIISAM306D | Service and maintain conveyors, feeders and hoppers | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM307E | Service and maintain crushers | AUSMASA | RIISAM307D | Service and maintain crushers | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM308E | Service and maintain screens | AUSMASA | RIISAM308D | Service and maintain screens | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIISAM309E | Service and maintain pumps | AUSMASA | RIISAM309D | Service and maintain pumps | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM315A | Manage tyre, wheel and rim assembly applications | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIISAM401E | Apply site plant, equipment and infrastructure maintenance management plans | Shared | RIISAM401E | Apply site plant, equipment and infrastructure maintenance management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM403E | Commission/recommission plant | AUSMASA | N/A | N/A | D | | UoC deleted |
| RIISAM404 | Monitor oil and gas equipment maintenance | AUSMASA | RIISAM314D | Manage oil and gas drilling equipment maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM501E | Implement and maintain the site plant, equipment and infrastructure maintenance plans | Shared | RIISAM501D | Implement and maintain the site plant, equipment and infrastructure maintenance plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM502E | Manage general drilling equipment maintenance | AUSMASA | RIISAM502D | Manage general drilling equipment maintenance | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISAM601E | Establish and maintain plant, equipment and infrastructure maintenance systems | Shared | RIISAM601D | Establish and maintain plant, equipment and infrastructure maintenance system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISDM501D | Conduct mine surveying operations | Shared | RIISDM501A | Conduct mine surveying operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |

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| RIISRM301E | Blend stockpile materials | AUSMASA | RIISRM301D | Blend stockpile materials | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIISRM302E | Conduct stockpile reclaiming operations | AUSMASA | RIISRM302D | Conduct stockpile reclaiming operations | E | | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIISRM303E | Move and position materials to form stockpiles | AUSMASA | RIISRM303D | Move and position materials to form stockpiles | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIISRM304E | Maintain stockpiles | AUSMASA | RIISRM304D | Maintain stockpiles | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIISRM401D | Apply and monitor the site stockpile management plan | AUSMASA | RIISRM401A | Apply and monitor the site stockpile management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIISRM501E | Implement stockpile management plans | AUSMASA | RIISRM501D | Implement stockpile management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIISRM502E | Design stockpile formations and reclaiming systems | AUSMASA | RIISRM502D | Design stockpile formations and reclaiming systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIISRM601E | Establish and maintain stockpile management systems | AUSMASA | RIISRM601D | Establish and maintain stockpile management systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |

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| RIISTD201E | Read and interpret maps | Shared | RIISTD201D | Read and interpret maps | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIISTD202E | Collect routine site samples | Shared | RIISTD202D | Collect routine site samples | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIISTD301D | Take environmental samples and measurements | AUSMASA | RIISTD301A | Take environmental samples and measurements | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIISTD302E | Process data and maintain accurate records | AUSMASA | RIISTD302E | Process data and maintain accurate records | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIISTD401 | Monitor quarry laboratory operations and the quality of results | Shared | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUMM201D | Install ground support | AUSMASA | RIIUMM201A | Install ground support | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM202D | Install and maintain vent | AUSMASA | RIIUMM202A | Install and maintain vent | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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| | | | | | | | Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM203D | Prepare and perform manual scaling operations | AUSMASA | RIIUMM203A | Prepare and perform manual scaling operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM303D | Conduct hand held mining | AUSMASA | RIIUMM303A | Conduct hand held mining | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM304D | Construct and maintain underground roads | AUSMASA | RIIUMM304A | Construct and maintain underground roads | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM305D | Install and remove a secondary fan | AUSMASA | RIIUMM305A | Install and remove a secondary fan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM306D | Conduct mechanical scaling | AUSMASA | RIIUMM306A | Conduct mechanical scaling | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUMM307D | Maintain underground stockpiles | AUSMASA | RIIUMM307A | Maintain underground stockpiles | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND201D | Install, maintain and recover reticulation systems | AUSMASA | RIIUND201A | Install, maintain and recover reticulation systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND202E | Operate from elevated work platform underground | AUSMASA | RIIUND202D | Operate from elevated work platform underground | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND204D | Refuel vehicles/machines underground | AUSMASA | RIIUND204A | Refuel vehicles/machines underground | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert |

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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND205E | Respond to a workforce incident | AUSMASA | RIIUND205D | Respond to a workforce incident | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND206D | Install hand held underground ground support | AUSMASA | RIIUND206A | Install hand held underground ground support | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND207E | Conduct underground lifting operations | AUSMASA | RIIUND207D | Conduct underground lifting operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND208E | Conduct skip operations | AUSMASA | RIIUND208E | Conduct skip operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND209E | Operate automated winder | AUSMASA | RIIUND209D | Operate automated winder | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND301E | Operate manual winder | AUSMASA | RIIUND301E | Operate manual winder | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND302E | Conduct cage operations | AUSMASA | RIIUND302D | Conduct cage operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND303E | Operate winder for shaft sinking | AUSMASA | RIIUND303D | Operate winder for shaft sinking | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND305D | Recover underground equipment | AUSMASA | RIIUND305A | Recover underground equipment | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial |

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| | | | | | | | amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND307D | Conduct tele-remote operations | AUSMASA | RIIUND307A | Conduct tele-remote operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND309D | Conduct mechanical underground ground support drilling and installation | AUSMASA | RIIUND309A | Conduct mechanical underground ground support drilling and installation | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND310E | Apply shotcrete underground | AUSMASA | RIIUND310D | Apply shot-crete underground | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIUND401E | Apply and monitor the ventilation management plan | AUSMASA | RIIUND401D | Apply and monitor the ventilation management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND501E | Implement the ventilation management plan | AUSMASA | RIIUND501D | Implement the ventilation management plan | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIUND601E | Establish and maintain ventilation management systems | AUSMASA | RIIUND601D | Establish and maintain the ventilation management systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

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| RIIUND602D | Establish and maintain mine services systems | AUSMASA | RIIUND602A | Establish and maintain mine services systems | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIUND603D | Manage, operate and maintain the mine ventilation system | AUSMASA | RIIUND603A | Manage, operate and maintain the mine ventilation system | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIVEH201E | Operate a light vehicle | Shared | RIIVEH201D | Operate light vehicle | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIVEH202F | Operate a medium vehicle | Shared | RIIVEH202E | Operate a medium vehicle | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIVEH203E | Operate a light vehicle underground | Shared | RIIVEH203D | Operate light vehicle underground | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIVEH302E | Operate multi-combination vehicle | Shared | RIIVEH302D | Operate multi-combination vehicle | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIVEH303F | Drive heavy combination vehicle | Shared | RIIVEH303E | Drive heavy combination vehicle | E | 2 | This version was released with RII Resources and Infrastructure Industry Training Package Version 8.0. Minor update of unit of competency. Amendments made to wording of elements and performance criteria to better reflect intent. |

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| RIIVEH304E | Conduct tip truck operations | Shared | RIIVEH304D | Conduct tip truck operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIVEH305F | Operate and maintain a four wheel drive vehicle | Shared | RIIVEH305E | Operate and maintain a four wheel drive vehicle | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIVEH306E | Operate a mine service vehicle | AUSMASA | RIIVEH306D | Operate a mine service vehicle | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 8.0. Minor update of unit of competency. Amendments made to wording of performance criteria to better reflect intent. |
| RIIVEH307F | Operate a heavy rigid vehicle | Shared | RIIVEH307E | Operate a heavy rigid vehicle | E | 2 | This version first released with RII Resources and Infrastructure Industry Training Package Version 8.0. Minor update of unit of competency. Amendments made to wording of knowledge evidence to better reflect intent. |
| RIIWBP201E | Treat and dispose of rejects and tailings | AUSMASA | RIIWBP201D | Treat and dispose of rejects and tailings | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIWBP202E | Distribute tailings | AUSMASA | RIIWBP202D | Distribute tailings | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIWBP203E | Monitor tailings dam environments | AUSMASA | RIIWBP203D | Monitor tailings dam environments | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 7.0. |
| RIIWBP401D | Apply and monitor site waste and by-products management plan | AUSMASA | RIIWBP401A | Apply and monitor site waste and by-products management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. |

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| | | | | | | | Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWBP501D | Implement site waste and by-product management plan | AUSMASA | RIIWBP501A | Implement site waste and by-product management plan | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWBP502D | Plan and monitor recycled material operations | AUSMASA | RIIWBP502A | Plan and monitor recycled material operations | E | 2 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWHS201E | Work safely and follow WHS policies and procedures | Shared | RIIWHS201D | Work safely and follow WHS policies and procedures | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWHS202 | Enter and work in confined spaces | Shared | RIIWHS202E | Enter and work in confined spaces | E | 1 | Application: <ul style="list-style-type: none"> Simplification of wording for readability without altering intent. Elements: <ul style="list-style-type: none"> Simplification of wording to Element (4.) to describe the breadth of work activities. Performance Criteria: <ul style="list-style-type: none"> Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. |

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|------|------------------------|----------------|-----------------|------------------|-----------------|----------------|--|
| | | | | | | | <ul style="list-style-type: none"> · Legislative requirements and SWMS/permit-based control measures applied throughout. PCs 1.1-1.10 aligned with current confined space entry practices. · PCs 2.1-2.8 reflect operational order from ventilation and atmospheric testing through to task completion. · Dynamic risk response added at PC 2.6. · Expanded detail added for post-work activities within PCs 3.1-3.5. <p>Performance Evidence:</p> <ul style="list-style-type: none"> · Restructuring and expansion to align with current industry and WHS requirements. · Addition of detailed references to risk assessment, hazard control verification, and isolation/lockout procedures in early dot points. · Inclusion of accurate referencing to permit and SWMS processes throughout, and new requirements for communication with stand-by person and emergency response activation. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> · Refinement of wording and inclusion of accurate referencing to regulations, codes of practice, SWMS, and permits to align with current WHS compliance requirements. · Addition of training confirmation, risk control measures, and instrument/monitoring device capabilities to strengthen technical accuracy. · Simplification of terminology for clarity. <p>Assessment Conditions (Assessor Requirements):</p> |

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|-----------|------------------------|----------------|-----------------|------------------------|-----------------|----------------|--|
| | | | | | | | <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIWHS204 | Work safely at heights | Shared | RIIWHS204E | Work safely at heights | E | 1 | <p>Application:</p> <ul style="list-style-type: none"> Expanded scope and clarification to explicitly define the nature and risk of work-at-heights without changing unit intent. Addition of a clear exclusion statement specifying that the unit does not cover the erection of scaffolds or work platforms without changing unit intent. Updated to reflect two distinct learner profiles and provide greater precision, context, and alignment with WHS and industry expectations for work-at-heights activities without changing unit intent. <p>Elements:</p> <ul style="list-style-type: none"> Element (1.) reworded to “Plan and prepare for working at heights”. Element (2.) reworded to “Assess work area and implement risk controls”. |

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| | | | | | | | <ul style="list-style-type: none"> · Element (3.) reworded to “Access work area and prepare for work at height”. Performance Criteria: <ul style="list-style-type: none"> · Wording streamlined for consistency, using concise action verbs and tasks consistent with standard site terminology. · Reference to legislative WHS requirements (SWMS) added in PC 1.2. · Delete PC 2.2 which is now encompassed under PC 4.4. · Relocate PC 3.2 under the correct Element (2) and reword according to industry requirements. Performance Evidence: <ul style="list-style-type: none"> · Expanded to align with permit-to-work, SWMS, and JSA requirements. · Addition of verifying authorisation of permits, confirming control measures, and referencing manufacturer and site procedures for PPE use and inspection. · Simplification of language while improving precision in describing fitting, anchoring, and tensioning of fall protection systems and ensuring protection of people working below. Knowledge Evidence: <ul style="list-style-type: none"> · Expansion of legislative requirements. · Common hazards and associated control measures added. · Expanded examples of height safety equipment added. · Expanded examples of the complying with manufacturer specifics added. Assessment Conditions (Assessor Requirements): |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|------------|---|----------------|-----------------|--|-----------------|----------------|---|
| | | | | | | | <ul style="list-style-type: none"> Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIWHS205E | Control traffic with stop-slow bat | BuildSkills | RIIWHS205D | Control traffic with stop-slow bat | E | 2 | Significant endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIWHS206 | Control traffic with portable traffic control devices and temporary traffic signs | BuildSkills | N/A | N/A | N/A | 1 | New unit |
| RIIWHS207 | Control traffic on high volume roads | BuildSkills | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIWHS208 | Operate within an autonomous workplace functional safety system | Shared | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 9.0. Newly created unit. |
| RIIWHS301E | Conduct safety and health investigations | Shared | RIIWHS301D | Conduct safety and health investigations | E | 1 | Significant endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
|----------|------------------------------------|----------------|-----------------|------------------------------------|-----------------|----------------|--|
| | | | | | | | Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIWH302 | Implement traffic management plans | BuildSkills | RIIWH302E | Implement traffic management plans | E | 1 | <p>Application:</p> <ul style="list-style-type: none"> Amended to accurate differences in traffic management roles across work sites. Additional context included regarding OSH/WHS interchangeability and legislative requirements. Reference to “Austroads Guide to Temporary Traffic Management (AGTTM)” included. <p>Performance Criteria:</p> <ul style="list-style-type: none"> Personnel resourcing, liaison, and communication consolidated at PC 1.4. PCs 2.1–2.2 emphasise verification and readiness rather than procedural authorisation. PC 3.2 added the words “within scope of own authority”, improving compliance and role clarity. PC 3.4 revised to reference responding to unsafe road user behaviour. PC 4.1 rephrased to improve accuracy and alignment with team-based practice. PCs 4.1-4.3 reordered for logical sequencing. <p>Performance Evidence:</p> <ul style="list-style-type: none"> Project types expanded to encompass broader site conditions. Minor wording refinements across all points. <p>Knowledge Evidence:</p> <ul style="list-style-type: none"> Alignment with current Austroads and WHS requirements. |

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| | | | | | | | <ul style="list-style-type: none"> Signs and devices expanded to include expectations for positioning, installation, maintenance, visibility, spacing, and removal. Assessment Conditions (Assessor Requirements): Deletion of references to superseded legislation and any references to specific regulatory requirements, replacing with the statement “Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.” Simplification of wording to instruct industry experts to abide with the same legislation, frameworks and/or standards as Assessors, if assessing. Simplification of remaining wording to align with industry requirements. |
| RIIWHS303 | Position, set up and program portable traffic control devices | BuildSkills | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIWHS304 | Implement traffic management plans on high volume roads | BuildSkills | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIWHS305 | Implement traffic management plans on motorways and freeways | BuildSkills | N/A | N/A | N/A | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIWHS401E | Supervise work in confined spaces | Shared | RIIWHS401D | Supervise work in confined spaces | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWHS402E | Examine and maintain mine safety | AUSMASA | RIIWHS402D | Examine and maintain mine safety | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
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| RIIWHS403E | Apply the work health and safety management system | Shared | RIIWHS403D | Apply the mine work health and safety management plan | E | 1 | Significant endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes. |
| RIIWHS404E | Implement and monitor health and hygiene management systems | Shared | RIIWHS404D | Implement and monitor health and hygiene management systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWHS405D | Maintain standard procedures and safe working practices | Shared | RIIWHS405A | Maintain standard procedures and safe working practices | E | 4 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWHS601E | Establish and maintain the WHS management system | Shared | RIIWHS601D | Establish and maintain the WHS management system | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWMG201D | Conduct dewatering activities in surface operations | AUSMASA | RIIWMG201A | Conduct dewatering activities in surface operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWMG202D | Conduct dewatering operations in underground mining operations | AUSMASA | RIIWMG202A | Conduct dewatering operations in underground mining operations | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
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| | | | | | | | Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWMG203E | Drain and dewater civil construction sites | BuildSkills | RIIWMG203D | Drain and dewater civil construction sites | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIWMG301E | Control construction site water tables | BuildSkills | RIIWMG301D | Control construction site water tables | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0. |
| RIIWMG302D | Reclaim and treat water | AUSMASA | RIIWMG302A | Reclaim and treat water | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWMG401D | Apply and monitor the site water management plan | AUSMASA | RIIWMG501A | Implement the site water management plan | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWMG501D | Implement the site water management plan | AUSMASA | | | E | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWMG601D | Establish and maintain water management system | AUSMASA | RIIWMG601A | Establish and maintain water management system | E | 3 | Required frequency and volume of evidence amended in Performance evidence. |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
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| | | | | | | | Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWSV203E | Prepare equipment for well servicing air operations | AUSMASA | RIIWSV203D | Prepare equipment for well servicing air operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV301F | Conduct and maintain well servicing derrick operations | AUSMASA | RIIWSV301E | Conduct and maintain well servicing derrick operation | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV302E | Trip production string for well servicing operations | AUSMASA | RIIWSV302D | Trip production string for well servicing operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV303E | Operate fluid systems | AUSMASA | RIIWSV303D | Operate fluid systems | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV304E | Prepare well servicing fishing operations | AUSMASA | RIIWSV304D | Prepare well servicing fishing operations | E | 2 | This version was first released with RII Resources and Infrastructure Industry Training Package Version 7.1. Updated mapping information. |
| RIIWSV401E | Rig up and rig down for well servicing operations | AUSMASA | RIIWSV401D | Rig up and rig down for well servicing | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV402D | Conduct well servicing milling operations | AUSMASA | N/A | N/A | N/A | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert |

| Code | Current National Title | JSC Allocation | Superseded Code | Superseded Title | UoC Equivalency | Release Number | Notes |
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| | | | | | | | experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWSV403E | Participate in well servicing nippling-up and pressure test | AUSMASA | RIIWSV403D | Participate in well servicing nippling-up and pressure test | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV404D | Conduct fishing operations | AUSMASA | N/A | N/A | N/A | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWSV501D | Manage well servicing induction and orientation | AUSMASA | N/A | N/A | N/A | 3 | Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm. |
| RIIWSV502E | Manage well completion and rig release | AUSMASA | RIIWSV502D | Manage well completion and rig release | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |
| RIIWSV503E | Manage and monitor rig-up operations | AUSMASA | RIIWSV503D | Manage and monitor rig-up operations | E | 1 | This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0. |

List of imported and pre-requisite units in RII Resources and Infrastructure Industry Training Package

Imported units in the training package

A range of units of competency has been imported into the *RII Resources and Infrastructure Industry Training Package* to provide greater flexibility, choice and transferability of skills within the industry.

| Imported units of competency in RII Training Package V11.0 qualifications | | |
|---|---|--|
| AHCECR203 | Perform basic ecological restoration works | AHC Agriculture, Horticulture and Conservation and Land Management |
| AHCECR303 | Implement biological reintroduction works | AHC Agriculture, Horticulture and Conservation and Land Management |
| AHCSAW203 | Conduct erosion and sediment control activities | AHC Agriculture, Horticulture and Conservation and Land Management |
| AHCSAW303 | Construct conservation earthworks | AHC Agriculture, Horticulture and Conservation and Land Management |
| AURFA001 | Use numbers in an automotive workplace | AUR Automotive Retail, Service and Repair |
| AURETK001 | Identify, select and use low voltage electrical test equipment | AUR Automotive Retail, Service and Repair |
| AURETR116 | Read and apply vehicle wiring schematics and drawings | AUR Automotive Retail, Service and Repair |
| AURKTJ011 | Remove, inspect and fit earthmoving and off-the-road tyres | AUR Automotive Retail, Service and Repair |
| AURKTJ012 | Remove, inspect and fit earthmoving and off-the-road wheel and rim assemblies | AUR Automotive Retail, Service and Repair |
| BSBCRT411 | Apply critical thinking to work practices | BSB Business Services |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|-----------|---|-----------------------|
| BSBOPS404 | Implement customer service strategies | BSB Business Services |
| BSBOPS505 | Manage organisational customer service | BSB Business Services |
| BSBTWK301 | Use inclusive work practices | BSB Business Services |
| BSBESB401 | Research and develop business plans | BSB Business Services |
| BSBESB403 | Plan finances for new business ventures | BSB Business Services |
| BSBESB404 | Market new business ventures | BSB Business Services |
| BSBESB406 | Establish operational strategies and procedures for new business ventures | BSB Business Services |
| BSBFIN401 | Report on financial activity | BSB Business Services |
| BSBFIN501 | Manage budgets and financial plans | BSB Business Services |
| BSBLDR301 | Support effective workplace relationships | BSB Business Services |
| BSBHRM413 | Support the learning and development of teams and individuals | BSB Business Services |
| BSBHRM522 | Manage employee and industrial relations | BSB Business Services |
| BSBHRM523 | Coordinate the learning and development of teams and individuals | BSB Business Services |
| BSBHRM525 | Manage recruitment and onboarding | BSB Business Services |
| BSBINS402 | Coordinate workplace information systems | BSB Business Services |
| BSBINS501 | Implement information and knowledge management systems | BSB Business Services |
| BSBINS601 | Manage knowledge and information | BSB Business Services |
| BSBSTR401 | Promote innovation in team environment | BSB Business Services |
| BSBSTR501 | Establish innovative work environments | BSB Business Services |
| BSBINS309 | Maintain business records | BSB Business Services |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
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| BSBINS402 | Coordinate workplace information systems | BSB Business Services |
| BSBINS501 | Implement information and knowledge management systems | BSB Business Services |
| BSBINS601 | Manage knowledge and information | BSB Business Services |
| BSBTEC101 | Operate digital devices | BSB Business Services |
| BSBLDR414 | Lead team effectiveness | BSB Business Services |
| BSBLDR411 | Demonstrate leadership in the workplace | BSB Business Services |
| BSBLDR413 | Lead effective workplace relationships | BSB Business Services |
| BSBLDR602 | Provide leadership across the organisation | BSB Business Services |
| BSBHRM413 | Support the learning and development of teams and individuals | BSB Business Services |
| BSBHRM523 | Coordinate the learning and development of teams and individuals | BSB Business Services |
| BSBLDR411 | Demonstrate leadership in the workplace | BSB Business Services |
| BSBOPS402 | Coordinate business operational plans | BSB Business Services |
| BSBSTR402 | Implement continuous improvement | BSB Business Services |
| BSBSTR502 | Facilitate continuous improvement | BSB Business Services |
| BSBOPS502 | Manage business operational plans | BSB Business Services |
| BSBLDR602 | Provide leadership across the organisation | BSB Business Services |
| BSBSTR601 | Manage innovation and continuous improvement | BSB Business Services |
| BSBSTR602 | Develop organisational strategies | BSB Business Services |
| BSBOPS601 | Develop and implement business plans | BSB Business Services |
| BSBOPS304 | Deliver and monitor a service to customers | BSB Business Services |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|-----------|---|-----------------------|
| BSBOPS402 | Coordinate business operational plans | BSB Business Services |
| BSBOPS404 | Implement customer service strategies | BSB Business Services |
| BSBOPS502 | Manage business operational plans | BSB Business Services |
| BSBOPS505 | Manage organisational customer service | BSB Business Services |
| BSBOPS601 | Develop and implement business plans | BSB Business Services |
| BSBPEF201 | Support personal wellbeing in the workplace | BSB Business Services |
| BSBPEF401 | Manage personal health and wellbeing | BSB Business Services |
| BSBPEF402 | Develop personal work priorities | BSB Business Services |
| BSBPEF501 | Manage personal and professional development | BSB Business Services |
| BSBPMG424 | Apply project human resources management approaches | BSB Business Services |
| BSBPMG427 | Apply project procurement procedures | BSB Business Services |
| BSBPMG430 | Undertake project work | BSB Business Services |
| BSBPMG530 | Manage project scope | BSB Business Services |
| BSBPMG531 | Manage project time | BSB Business Services |
| BSBPMG532 | Manage project quality | BSB Business Services |
| BSBPMG533 | Manage project cost | BSB Business Services |
| BSBPMG534 | Manage project human resources | BSB Business Services |
| BSBPMG535 | Manage project information and communication | BSB Business Services |
| BSBPMG536 | Manage project risk | BSB Business Services |
| BSBPMG537 | Manage project procurement | BSB Business Services |

Imported units of competency in RII Training Package V11.0 qualifications

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| BSBPMG540 | Manage project integration | BSB Business Services |
| BSBPMG532 | Manage project quality | BSB Business Services |
| BSBPMG537 | Manage project procurement | BSB Business Services |
| BSBPMG632 | Manage program risk | BSB Business Services |
| BSBPUR301 | Purchase goods and services | BSB Business Services |
| BSBINS410 | Implement records systems for small business | BSB Business Services |
| BSBESB403 | Plan finances for new business ventures | BSB Business Services |
| BSBESB404 | Market new business ventures | BSB Business Services |
| BSBESB401 | Research and develop business plans | BSB Business Services |
| BSBESB406 | Establish operational strategies and procedures for new business ventures | BSB Business Services |
| BSBSTR401 | Promote innovation in team environments | BSB Business Services |
| BSBSTR402 | Implement continuous improvement | BSB Business Services |
| BSBSTR501 | Establish innovative work environments | BSB Business Services |
| BSBSTR502 | Facilitate continuous improvement | BSB Business Services |
| BSBSTR601 | Manage innovation and continuous improvement | BSB Business Services |
| BSBSTR602 | Develop organisational strategies | BSB Business Services |
| BSBSUS201 | Participate in environmentally sustainable work practices | BSB Business Services |
| BSBSUS211 | Participate in sustainable work practices | BSB Business Services |
| BSBSUS301 | Implement and monitor environmentally sustainable work practices | BSB Business Services |
| BSBSUS401 | Implement and monitor environmentally sustainable work practices | BSB Business Services |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|-----------|--|-----------------------|
| BSBSUS411 | Implement and monitor environmentally sustainable work practices | BSB Business Services |
| BSBSUS601 | Lead corporate social responsibility | BSB Business Services |
| BSBTEC101 | Operate digital devices | BSB Business Services |
| BSBTWK201 | Work effectively with others | BSB Business Services |
| BSBTWK301 | Use inclusive work practices | BSB Business Services |
| BSBTWK502 | Manage team effectiveness | BSB Business Services |
| BSBWHS311 | Assist with maintaining workplace safety | BSB Business Services |
| BSBWHS401 | Implement and monitor WHS policies, procedures and programs to meet legislative requirements | BSB Business Services |
| BSBWHS403 | Contribute to implementing and maintaining WHS consultation and participation processes | BSB Business Services |
| BSBWHS411 | Implement and monitor WHS policies, procedures and programs | BSB Business Services |
| BSBWHS413 | Contribute to implementation and maintenance of WHS consultation and participation processes | BSB Business Services |
| BSBWHS501 | Ensure a safe workplace | BSB Business Services |
| BSBWHS521 | Ensure a safe workplace for a work area | BSB Business Services |
| BSBWHS616 | Apply safe design principles to control WHS risks | BSB Business Services |
| BSBTWK201 | Work effectively with others | BSB Business Services |
| BSBWOR404 | Develop work priorities | BSB Business Services |
| BSBWOR501 | Manage personal work priorities and professional development | BSB Business Services |
| BSBWOR502 | Lead and manage team effectiveness | BSB Business Services |
| BSBXBD401 | Capture and store big data | BSB Business Services |
| BSBXBD402 | Test big data samples | BSB Business Services |

Imported units of competency in RII Training Package V11.0 qualifications

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| BSBXBD403 | Analyse big data | BSB Business Services |
| BSBXBD404 | Use big data for operational decision making | BSB Business Services |
| BSBXBD405 | Develop procedures for managing big data | BSB Business Services |
| BSBXBD406 | Present big data insights | BSB Business Services |
| BSBXBD407 | Protect big data integrity | BSB Business Services |
| BSBXBD408 | Implement and review procedures for managing big data | BSB Business Services |
| BSBXTW301 | Work in a team | BSB Business Services |
| BSBXTW401 | Lead and facilitate a team | BSB Business Services |
| CPCCCM2007 | Use explosive power tools | CPC Construction, Plumbing and Services |
| CPCCLDG3001 | Licence to perform dogging | CPC Construction, Plumbing and Services |
| CPCCLRG3001 | Licence to perform rigging basic level | CPC Construction, Plumbing and Services |
| CPCCLSF2001 | Licence to erect, alter and dismantle scaffolding basic level | CPC Construction, Plumbing and Services |
| CPCCLSF3001 | Licence to erect, alter and dismantle scaffolding intermediate level | CPC Construction, Plumbing and Services |
| CPCCSF2004 | Place and fix reinforcement materials | CPC Construction, Plumbing and Services |
| CPCCWHS2001 | Apply WHS requirements, policies and procedures in the construction industry | CPC Construction, Plumbing and Services |
| CPPSIS3015 | Collect basic surveying data | CPP Property Services |
| CPPSSI3016 | Provide field support services for surveying and spatial projects | CPP Property Services |

Imported units of competency in RII Training Package V11.0 qualifications

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| CPPSIS5032 | Capture new spatial data | CPP Property Services |
| CPPSIS5035 | Obtain and validate spatial data | CPP Property Services |
| CPPSIS5036 | Integrate spatial datasets | CPP Property Services |
| FBPOPR2074 | Carry out manual handling tasks | FBP Food, Beverage and Pharmaceutical |
| FWPCOT2236 | Fall trees manually (basic) | FWP Forest and Wood Products |
| FWPCOT2273 | Trim and cut felled trees | FWP Forest and Wood Products |
| FWPCOT3350 | Fell trees manually (intermediate) | FWP Forest and Wood Products |
| HLTAID011 | Provide First Aid | HLT Health |
| HLTAID014 | Provide Advanced First Aid | HLT Health |
| ICTCBL334 | Install underground enclosures and conduit | ICT Information and Communications Technology |
| ICTDAT401 | Evaluate organisational compliance with data ethics legislation | ICT Information and Communications Technology |
| ICTDAT402 | Clean and verify data | ICT Information and Communications Technology |
| ICTDBS414 | Complete database backup and restore | ICT Information and Communications Technology |
| ICTDBS418 | Monitor and administer databases | ICT Information and Communications Technology |
| ICTICT214 | Operate application software packages | ICT Information and Communications Technology |
| ICTICT221 | Identify and use specific industry standard technologies | ICT Information and Communications Technology |
| ICTICT312 | Use advanced features of applications | ICT Information and Communications Technology |
| LGAOPS001 | Prepare for operational works | LGA Local Government |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
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| LGAOPS003 | Develop works maintenance schedule | LGA Local Government |
| LGAOPS005 | Manage civil plant and resources | LGA Local Government |
| MEM07024 | Operate and monitor machine and process | MEM Manufacturing and Engineering |
| MEM07028 | Operate computer controlled machines and processes | MEM Manufacturing and Engineering |
| MEM09002 | Interpret technical drawing | MEM Manufacturing and Engineering |
| MEM11011 | Undertake manual handling | MEM Manufacturing and Engineering |
| MEM12023 | Perform engineering measurements | MEM Manufacturing and Engineering |
| MEM12024 | Perform computations | MEM Manufacturing and Engineering |
| MEM13015 | Work safely and effectively in manufacturing and engineering | MEM Manufacturing and Engineering |
| MEM16006 | Organise and communicate information | MEM Manufacturing and Engineering |
| MEM16008 | Interact with computing technology | MEM Manufacturing and Engineering |
| MEM18001 | Use hand tools | MEM Manufacturing and Engineering |
| MEM18002 | Use power tools/hand held operations | MEM Manufacturing and Engineering |
| MEM23004A | Apply technical mathematics | MEM Manufacturing and Engineering |
| MEM23007A | Apply calculus to engineering tasks | MEM Manufacturing and Engineering |
| MEM30005A | Calculate force systems within simple beam structures | MEM Manufacturing and Engineering |
| MEM30006A | Calculate stresses in simple structures | MEM Manufacturing and Engineering |
| MEM30012A | Apply mathematical techniques in a manufacturing engineering or related environment | MEM Manufacturing and Engineering |
| MEM30027A | Prepare basic programs for programmable logic controllers | MEM Manufacturing and Engineering |
| MEM30031A | Operate computer-aided design (CAD) system to produce basic drawing elements | MEM Manufacturing and Engineering |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|-----------|--|-----------------------------------|
| MEM30032A | Produce basic engineering drawings | MEM Manufacturing and Engineering |
| MEM30033A | Use computer-aided design (CAD) to create and display 3-D models | MEM Manufacturing and Engineering |
| MEMPE007A | Pull apart and re-assemble engineering mechanisms | MEM Manufacturing and Engineering |
| MSL913004 | Plan and conduct laboratory/field work | MSL Laboratory Operations |
| MSL924005 | Process and interpret data | MSL Laboratory Operations |
| MSL925006 | Analyse data and report results | MSL Laboratory Operations |
| MSL943003 | Work safely with instruments that emit ionising radiation | MSL Laboratory Operations |
| MSL952001 | Collect routine site samples | MSL Laboratory Operations |
| MSL953005 | Receive and prepare samples for testing | MSL Laboratory Operations |
| MSL954007 | Obtain representative samples in accordance with sampling plan | MSL Laboratory Operations |
| MSL973025 | Perform basic tests | MSL Laboratory Operations |
| MSL973026 | Prepare working solutions | MSL Laboratory Operations |
| MSL973018 | Prepare trial batches for evaluation | MSL Laboratory Operations |
| MSL973021 | Conduct field-based acceptance tests for construction materials | MSL Laboratory Operations |
| MSL973022 | Conduct laboratory-based acceptance tests for construction materials | MSL Laboratory Operations |
| MSL974016 | Perform physical and mechanical tests | MSL Laboratory Operations |
| MSL974031 | Prepare, standardise and use solutions | MSL Laboratory Operations |
| MSL974032 | Perform chemical tests and procedures | MSL Laboratory Operations |
| MSL974026 | Perform tests to determine the properties of construction materials | MSL Laboratory Operations |
| MSL975059 | Supervise sampling, inspections and testing at construction sites | MSL Laboratory Operations |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|------------|--|---|
| MSL975044 | Perform complex tests to measure engineering properties of materials | MSL Laboratory Operations |
| MSMENV172 | Identify and minimise environmental hazards | MSM Manufacturing |
| MSMENV272 | Participate in environmentally sustainable work practices | MSM Manufacturing |
| MSMOPS101 | Make measurements | MSM Manufacturing |
| MSMOPS212 | Use organisation computers or data systems | MSM Manufacturing |
| MSMPER200 | Work in accordance with an issued permit | MSM Manufacturing |
| MSMPER300 | Issue work permits | MSM Manufacturing |
| MSMSUP100 | Apply workplace context to own job | MSM Manufacturing |
| MSMSUP101 | Clean workplace or equipment | MSM Manufacturing |
| MSMSUP390 | Use structured problem-solving tools | MSM Manufacturing |
| MSMWHS200 | Work safely | MSM Manufacturing |
| MSMWHS201 | Conduct hazard analysis | MSM Manufacturing |
| MSMWHS217 | Gas test atmospheres | MSM Manufacturing |
| NWPNET016 | Inspect sewer or stormwater line | NWP National Water |
| NWPNET017 | Supervise and report on conduit inspections | NWP National Water |
| NWPNET037 | Inspect sewer or stormwater assets | NWP National Water |
| PMAOMIR320 | Manage incident response information | PMA Chemical, Hydrocarbons and Refining |
| PMAOMIR418 | Coordinate incident response | PMA Chemical, Hydrocarbons and Refining |
| PMAOMIR444 | Develop incident containment tactics | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS101 | Read dials and indicators | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS202 | Operate fluid mixing equipment | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS205 | Operate heat exchangers | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS208 | Operate chemical separation equipment | PMA Chemical, Hydrocarbons and Refining |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|-------------|---|---|
| PMAOPS223 | Operate and monitor valve systems | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS230 | Monitor, operate and maintain pipeline stations and equipment | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS246 | Operate separation equipment | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS247 | Operate powered separation equipment | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS280 | Interpret process plant schematics | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS343 | Transfer bulk fluids into/out of storage facility | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS338 | Communicate and monitor pipeline activities | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS342 | Conduct pipeline pigging | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS343 | Transfer bulk fluids into/out of storage facility | PMA Chemical, Hydrocarbons and Refining |
| PMAOPS411 | Manage plant shutdown and restart | PMA Chemical, Hydrocarbons and Refining |
| PMASUP236 | Operate vehicles in the field | PMA Chemical, Hydrocarbons and Refining |
| PMASUP441 | Decommission plant | PMA Chemical, Hydrocarbons and Refining |
| PMAWHS211 | Prepare equipment for emergency response | PMA Chemical, Hydrocarbons and Refining |
| PMBWELD301E | Join polyethylene plastic pipelines using butt welding | PBM Plastics, Rubber and Cablemaking |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|-------------|---|--|
| PMBWELD302E | Join polyethylene plastic pipelines using electrofusion welding | PBM Plastics, Rubber and Cablemaking |
| PPMSTM301 | Perform steam boiler operations | PPM Pulp & Paper Manufacturing Industry Training Package |
| PPMSTM330 | Shut down and bank steam boiler | PPM Pulp & Paper Manufacturing Industry Training Package |
| PSPPCM023 | Manage strategic contracts | PSP Public Sector Training Package |
| PUAAMS007 | Coordinate search and rescue operations | PUA Public Safety |
| PUAEME002 | Manage injuries at emergency incident | PUA Public Safety |
| PUAEMR036 | Manage and evaluate emergency management exercises | PUA Public Safety |
| PUAEQU001 | Prepare, maintain and test response equipment | PUA Public Safety |
| PUAFIR207 | Operate breathing apparatus open circuit | PUA Public Safety |
| PUAFIR210 | Prevent injury | PUA Public Safety |
| PUAFIR306 | Identify, detect and monitor hazardous materials at an incident | PUA Public Safety |
| PUAFIR324 | Render hazardous materials incidents safe | PUA Public Safety |
| PUALAW001 | Protect and preserve incident scene | PUA Public Safety |
| PUAMAN002 | Administer allocation of resources | PUA Public Safety |
| PUAMAN008 | Manage physical resources | PUA Public Safety |
| PUAOPE013 | Operate communications systems and equipment | PUA Public Safety |
| PUAOPE015 | Conduct briefings and debriefings | PUA Public Safety |
| PUASAR022 | Participate in a rescue operation | PUA Public Safety |
| PUASAR024 | Undertake road crash rescue | PUA Public Safety |
| PUASAR025 | Undertake confined space rescue | PUA Public Safety |
| PUASAR027 | Undertake land search rescue | PUA Public Safety |
| PUASAR032 | Undertake vertical rescue | PUA Public Safety |
| TAEASS311 | Contribute to assessment | TAE Training and Education |
| TAEASS401 | Plan assessment activities and processes | TAE Training and Education |
| TAEASS412 | Assess competence | TAE Training and Education |

Imported units of competency in RII Training Package V11.0 qualifications

| | | |
|------------|--|-----------------------------|
| TAEASS413 | Participate in assessment validation | TAE Training and Education |
| TAEDEL311 | Provide work skill instruction | TAE Training and Education |
| TLIA0003 | Complete and check import/export documentation | TLI Transport and Logistics |
| TLIB2001 | Check and assess operational capabilities of equipment | TLI Transport and Logistics |
| TLIC3004 | Drive heavy rigid vehicle | TLI Transport and Logistics |
| TLID2022 | Conduct weighbridge operations | TLI Transport and Logistics |
| TLID3011 | Conduct specialised forklift operations | TLI Transport and Logistics |
| TLIE2007 | Use communications systems | TLI Transport and Logistics |
| TLIE3004 | Prepare workplace documents | TLI Transport and Logistics |
| TLIL0007 | Complete workplace induction procedures | TLI Transport and Logistics |
| TLIL4059 | Implement asset management systems | TLI Transport and Logistics |
| TLILIC0024 | Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above) | TLI Transport and Logistics |
| TLILIC0003 | Licence to operate a forklift truck | TLI Transport and Logistics |
| TLILIC0005 | Licence to operate a boom-type elevating work platform (boom length 11 metres or more) | TLI Transport and Logistics |
| TLILIC0016 | Licence to operate a bridge and gantry crane | TLI Transport and Logistics |
| TLILIC0040 | Licence to operate a non-slewing mobile crane (greater than 3 tonnes capacity) | TLI Transport and Logistics |
| TLILIC0022 | Licence to operate a slewing mobile crane (up to 20 tonnes) | TLI Transport and Logistics |
| TLILIC2016 | Licence to drive a heavy rigid vehicle | TLI Transport and Logistics |
| TLILIC3017 | Licence to drive a heavy combination vehicle | TLI Transport and Logistics |
| TLILIC3018 | Licence to drive a multi-combination vehicle | TLI Transport and Logistics |

| Imported units of competency in RII Training Package V11.0 qualifications | | |
|---|--|-----------------------------|
| TLIP0007 | Facilitate and capitalise on change in the workplace | TLI Transport and Logistics |
| TLIP5036 | Manage assets | TLI Transport and Logistics |
| TLIW5002 | Manage rail assets and interfaces | TLI Transport and Logistics |
| UEPOPS083 | Operate and monitor boiler steam/water cycle | UEP Electricity Supply |

Prerequisite units in RII Resources and Infrastructure Industry Training Package

| Unit code and title | Prerequisite unit code and title |
|---|--|
| CPCCCM2007 Use explosive power tools | CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry |
| CPCCSF2004 Place and fix reinforcement materials | CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry |
| MEM07024 Operate and monitor machine and process | MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM07028 Operate computer controlled machines and processes | MEM07024 Operate and monitor machine and process MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM09002 Interpret technical drawing | MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM11011 Undertake manual handling | MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM12023 Perform engineering measurements | MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM12024 Perform computations | MEM13015 Work safely and effectively in manufacturing and engineering |

| Unit code and title | Prerequisite unit code and title |
|--|---|
| | MEM16006 Organise and communicate information |
| MEM16006 Organise and communicate information | MEM13015 Work safely and effectively in manufacturing and engineering |
| MEM16008 Interact with computing technology | MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM18001 Use hand tools | MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MEM18002 Use power tools/hand held operations | MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information |
| MSL925006 Analyse data and report results | MSL924005 Process and interpret data |
| MSL974026 Perform tests to determine the properties of construction materials | MSL973022 Conduct laboratory-based acceptance tests for construction materials |
| MSL975031 Supervise sampling, inspections and testing at construction sites | MSL954004 Obtain representative samples in accordance with sampling plan MSL973021 Conduct field-based acceptance tests for construction materials |
| MSL975044 Perform complex tests to measure engineering properties of materials | MSL974026 Perform tests to determine the properties of construction materials MSL973022 Conduct laboratory-based acceptance tests for construction materials |
| MSMPER300 Issue work permits | MSMWHS201 Conduct hazard analysis |
| PUAEMR036 Manage and evaluate emergency management exercises | PUAEMR032 Design emergency management exercises |
| PUAEQU001 Prepare, maintain and test response equipment | PUAFIR210 Prevent injury |
| PUAFIR207 Operate breathing apparatus open circuit | PUAFIR210 Prevent injury |
| PUAFIR306 Identify, detect and monitor hazardous materials at an incident | PUAFIR207 Operate breathing apparatus open circuit |
| PUAFIR324 Render hazardous materials incidents safe | PUAFIR207 Operate breathing apparatus open circuit |
| PUAMAN008 Manage physical resources | PUAMAN002 Administer allocation of resources |
| PUASAR022 Participate in a rescue operation | HLTAID003 Provide first aid |
| PUASAR024 Undertake road crash rescue | HLTAID003 Provide first aid |

| Unit code and title | Prerequisite unit code and title |
|--|---|
| | PUASAR022 Participate in a rescue operation |
| PUASAR025 Undertake confined space rescue | PUAFIR306 Identify, detect and monitor hazardous materials at an incident PUASAR022 Participate in a rescue operation |
| PUASAR027 Undertake land search rescue | PUAFIR210 Prevent injury |
| PUASAR032 Undertake vertical rescue | PUASAR022 Participate in a rescue operation |
| RIICBM302E Install pre-cast girders | CPCCLDG3001A Licence to perform dogging |
| RIICBM305E Install pre-cast concrete bridge decks | CPCCLDG3001A Licence to perform dogging |
| RIICTC402 Supervise tunnel boring machine operations | RIICTC306 Conduct tunnel boring machine operations |
| RIICWD538 Prepare traffic management plans and traffic guidance schemes for high volume roads | RIICWD503 Prepare traffic management plans and traffic guidance schemes |
| RIICWD539 Prepare traffic management plans and traffic guidance schemes for motorways and freeways | RIICWD503 Prepare traffic management plans and traffic guidance schemes |
| RIIERR305 Control underground fires | RIIERR303E Operate in a self-contained regenerative oxygen breathing apparatus, or PUAFIR207 Operate breathing apparatus open circuit |
| RIIERR307 Extricate casualties from underground incidents | RIIERR303E Operate in a self-contained regenerative oxygen breathing apparatus, or PUAFIR207B Operate breathing apparatus open circuit |
| RIIERR308 Extricate and transport people involved in incidents | RIIERR303E Operate in a self-contained regenerative oxygen breathing apparatus, or PUAFIR207B Operate breathing apparatus open circuit |
| RIINHB223 Prepare, run and cement casing | RIIOGD204F Perform rig floor operations |
| | |
| RIIWHS207 Control traffic on high volume roads | RIIWHS205E Control traffic with stop-slow bat |
| RIIWHS304 Implement traffic management plans on high volume roads | RIIWHS302 Implement traffic management plans |
| RIIWHS305 Implement traffic management plans on motorways and freeways | RIIWHS302 Implement traffic management plans |

Implementation information

Key features of the training package and Resources and Infrastructure industry

The industry at a glance

The Mining, sector encompasses a broad range of businesses and workers involved in mining, drilling and quarrying . The activities undertaken by these businesses are broad in nature, ranging from extracting and processing resources on a mine site or oil rig to operating plant and equipment.

The breadth of activities in the sector means that most individuals, businesses and organisations interact with, and benefit from, the sector in some way. This can be seen through the billions of dollars in revenue generated from exporting minerals, metals and petroleum overseas.

Coal mining

Workers in this sub-sector are involved in open cut (surface) and underground coal mining and processing.

Drilling

Workers in this sub-sector are involved in onshore and offshore drilling for oil and gas, as well as drilling associated with mineral exploration and production, geothermal energy production, water wells, civil infrastructure and agriculture.

Extractive (quarrying)

Workers in this sub-sector are involved in extracting raw materials used in building and construction, including sand, rock, gravel and limestone.

Metalliferous mining

Workers in this sub-sector are involved in open cut (surface) and underground mining and processing minerals including iron ore, copper, nickel, gold, silver, zinc, lithium, uranium and mineral sands.

Contextualisation

Some industry-specific contexts and activities associated with units of competency within the Resources and Infrastructure Industry Training Package are expanded below to reduce ambiguity and support implementation.

General applications

- *Pre-operational Checks in Mobile Plant units:* Pre-operational checks require learners to visually confirm that plant, equipment and safety systems are serviceable and compliant with manufacturer and site requirements. These checks do not require learners to perform maintenance tasks but do require confirmation that; required servicing has been completed; safety systems are present and functional; and any defects or faults are identified and

reported in accordance with site procedures. Maintenance activities remain the responsibility of authorised personnel in accordance with site and legislative requirements.

- *Silica Hazards and scope of coverage in housekeeping activities:* Silica-related hazards are primarily associated with activities such as cutting, grinding, drilling or crushing materials. Management of silica exposure is typically addressed through site-specific hazard management systems, dedicated silica-awareness training, relevant work health and safety units, or site requirements. Silica-specific disposal or housekeeping requirements are not embedded within individual plant operation units unless the activity directly involves silica-generating processes.
- *Positive Communication:* refers to a deliberate process of communication that includes confirmation and acknowledgement between parties before an activity proceeds. Positive communication may involve verbal, visual, electronic or procedural methods and may include two-way radio confirmation, verbal acknowledgement, hand or visual signals, digital or written confirmations, or other site-approved communication systems. Where positive communication processes are required by the workplace, learners must follow those systems in accordance with site procedures. Where a workplace does not mandate positive communication systems, general communication and coordination requirements would apply as outlined in site procedures and applicable legislation.
- *Handover Requirements:* relates to the transfer of responsibility for plant, equipment or work activities between operators or work periods. Some examples of handover processes may include verbal briefings between operators or supervisors; written or electronic logs; reporting of faults, hazards or incomplete work; and confirmation of operating status and site conditions. This list is not exhaustive, and individuals should follow the specific handover methods determined by workplace procedures and site requirements.
- *Safe Work Method Statements (SWMS):* are a legal requirement in Australian mining (and construction) for high-risk work, mandated under Work Health and Safety (WHS) legislation (like the WHS Act 2020 and specific Mine Safety Regulations) to detail hazards, risks, and control measures for activities such as working at heights, using mobile plant, or demolition.
- *Safety Planning Documents:* Job Safety Analysis (JSA), Job Hazard Analysis (JHA), and Job Safety & Environmental Analysis (JSEA) are largely interchangeable terms for the same process; breaking down a job into steps to identify hazards and establish safe work procedures. The JSEA is the most inclusive as it adds environmental considerations, while the JHA/JSA focus primarily on health & safety risks, serving as essential risk assessment tools to prevent injuries and ensure compliance.

Specific applications

- *RIIHAN308 Load and Unload Plant – competency requirements:* is intended for individuals who operate the plant during loading and unloading activities, *not* for persons who are only assisting, guiding or directing plant movements. Where the activity requires starting, moving, positioning or stopping plant under its own power, the individual must hold current competency to operate that plant, in accordance with legislative, licensing and site requirements. Persons who assist with loading or unloading activities (such as guiding plant, acting as spotters, or directing movements) but do not operate the plant should be assessed against the appropriate support or guiding unit, not this unit.

- *RIIHAN308 Load and Unload Plant – ‘fundamentally stable’*: References to securing and stabilising loads or referring to a load as being ‘fundamentally stable’ are intended to align with current load restraint legislation, codes of practice and industry guidelines. To be considered ‘fundamentally stable’, load restraint methods must prevent movement during transport; comply with national and state or territory specific load restraint guidelines and regulations; and reflect the type, weight and configuration of the plant or equipment.
- *RIIHAN308 Load and Unload Plant – Performance Evidence requirements*: These parameters have been deemed necessary by Subject Matter Experts (SMEs) from the civil and mining industries to ensure learners are taught and assessed on equipment of the size and complexity to what this unit allows. Learning on equipment that does not meet these parameters is considered a significant WHS risk to both the learner and the worksite.

RII Emergency Response – Supporting Information for RTOs

Expectations of fitness levels applicable to RII30726 Certificate III in Emergency Response and Rescue and RII41326 Certificate IV in Emergency Response Coordination

The work of emergency response is unpredictable, occurring at extremely short notice, and physically and psychologically demanding. It therefore requires individuals who are in good health and have an adequate level of fitness for the role. A periodic review of medical, psychological and fitness assessments may be undertaken according to site specific requirements and a risk-based approach.

Code of Practice - Emergency management for Western Australian mines

This code of practice is issued by the Department of Mines, Industry Regulation and Safety under the Mines Safety and Inspection Act 1994, with the endorsement of the Mining Industry Advisory Committee (MIAC) and approval from the Minister for Mines and Petroleum. A code of practice is a practical guide to achieving the standards of occupational safety and health required under legislation.

[Emergency management for Western Australian mines - code of practice](#)

Entry requirements applicable to RII41326 Certificate IV in Emergency Response Coordination

This qualification is limited to those who have completed

RII30726 Certificate III in Emergency Response and Rescue, or equivalent.

OR

RII30719 Certificate III in Emergency Response and Rescue, or equivalent AND PUAFIR207 Operate breathing apparatus open circuit, or equivalent

OR

RII30719 Certificate III in Emergency Response and Rescue, or equivalent AND RIIERR303E Operate in self-contained regenerative oxygen breathing apparatus, or equivalent

The entry requirement of the Certificate III in Emergency Response and Rescue removes the need for HLTAIS014 as a core unit in RII41326 Certificate IV in Emergency Response Coordination.

Applicable to RIIRIS301 Apply risk management processes:

Dynamic Risk Assessment

The definition of Dynamic Risk Assessment has been adopted from the Code of Practice for Emergency Management in Western Australian Mines developed by the Western Australian Department of Local Government, Industry Regulation and Safety –

During the response to an emergency event, a process of Dynamic Risk Assessment (DRA) is utilised to maintain responder safety in the evolving emergency. The definition of a Dynamic Risk Assessment (DRA) in relation to an Emergency Incident is:

“The continuous process of identifying hazards, assessing risk, monitoring, reviewing and taking action to eliminate or reduce risk, in the rapidly changing circumstances of an operational incident.”

It is a situation where what is being assessed is developing as the response itself is being undertaken.

This is further complicated for the Response Leader in that, often, rescues must be performed, exposures protected, and response operations commenced before a complete appreciation of all material facts has been obtained.

At an individual level, each responder, must constantly search and check for hazards of all types, which may affect their task or role and modify their actions to avoid those hazards, as well as those which impact on the overall objectives of the team, which must be communicated back to the Response Leader. This process of constantly checking for and managing risk must continue until the emergency is declared to be controlled.

As an incident progresses, circumstances may change due to the escalation or de-escalation of the scene.

For example:

ERT crews are in breathing apparatus and attempting to extinguish coal burning in a chute of a coal conveyor system. The fire ignites the conveyor belt at the base of the chute, on the level below the fire crews.

This would be considered a significant escalation of the incident that requires a major change in strategy and would certainly prompt a DRA by the ERT crews and would be communicated back to the response leader, to re-evaluate the scene and determine what changes to approach, method, tactic, equipment, tools or personnel will be required to complete all tasks safely. Any changes that are made to an operational plan must be clearly communicated to all responding emergency personnel.

Some hazards encountered during an emergency incident which may require immediate intervention and action by responders include, but are not limited to:

- autonomous mining fails to shut down or other technology failure (such as cyber-attack)
- aftershocks to a seismic event
- biological hazards
- blast fumes
- crew fatigue
- electrical energisation

- emergency response driving
- entrapment of responders
- flooding and/or inrush
- high pressure/high temperature equipment
- hazardous materials identification
- ignition or uncontrolled spread of fire – structural, bush, electrical, vehicle as well as flash over, back draft and structural collapse
- moving/rotating machinery
- natural gas leak/explosion
- occupied refuges
- psychosocial risk identified (casualty located and known to responder)
- responder experience
- responder is injured
- response equipment failure
- surface mobile equipment instability or tyre explosion
- the involvement of casualties inclusive of those with significant trauma
- traffic both site-based or public roadway
- unstable backs or drive
- weather and environmental factors
- working at height

Critical Control Management

The definition of Critical Controls provided by Resources Safety & Health Queensland in Guidance Note QGN 35 The Integration of Critical Controls into PHMPs for Coal Mines in Queensland. This definition is specific to coal mines; however, it has been adopted across the various mining facets applicable to this training package.

In Guidance Note QGN 35 the Queensland Coal Inspectorate defines Critical Controls as –

critical control means a risk control measure for a coal mine -

(a) that is critical to -

(i) prevent a material unwanted event at the coal mine; or

(ii) mitigate the consequences of a material unwanted event at the coal mine; and

(b) the absence or failure of which would significantly increase risk despite the existence of other risk control measures.

Material unwanted event (MUE), at a coal mine, means an unwanted event in relation to which the potential or real consequence to safety or health exceeds a threshold defined by the coal mine operator as warranting the highest level of attention

Applicable to – RIIRIS312 Respond to incidents involving energy storage systems

Responding to energy storage system incidents forms part of the broader skills and knowledge required to manage a range of workplace hazards within vocational practice. As energy storage systems become more commonplace across diverse operational environments, learners must develop the capability to identify associated risks and apply appropriate response strategies in accordance with organisational procedures, WHS legislative requirements, and industry best practice.

Resources

As part of the National Electric Vehicle Strategy (NEVS), the Australian Government has recognised the need for world-leading guidance and targeted training of emergency response personnel. This is to ensure the safety of responders when dealing with electric vehicle (EV) incidents and fires involving high-voltage lithium-ion batteries (LIBs).

To address this, the Australian and New Zealand Council for Fire and Emergency Services developed an online training package designed to equip emergency responders with the knowledge and strategies required to manage a range of EV-related scenarios.

Developed in collaboration with TAFE NSW and subject matter experts from across Australia and internationally and funded by the Australian Government.

The online training module is available at <https://www.afac.com.au/ev-training>

Legislation

RTO training materials developed for this unit should reference the following Australian Standards

- AS 5487 Battery powered electric machines for use in underground mines

Industry sectors and occupational outcomes of qualifications

Sectors in the RII Resources and Infrastructure Training Package

Unit sector unit and competency fields are given a specific code for the purpose of accurate mapping and grouping. The RII Training Package contains the following sectors:

| Industry sectors represented in RII Training Package | | |
|---|--------|---|
| General fields of competence applicable to all sectors | RIIARO | Specialist units of competency developed for application in autonomous and remote operations environments. |
| | RIIBEF | Specialist units of competency developed for application in business effectiveness environments. |
| | RIICCR | Specialist units of competency developed for application in customer and community relations environments. |
| | RIICOM | Specialist units of competency developed for application in communication environments. |
| | RIIENV | Specialist units of competency developed for application in environment environments. |
| | RIIFIA | Specialist units of competency developed for application in financial administration and management environments. |
| | RIIGOV | Specialist units of competency developed for application in governance and compliance environments. |
| | RIIIMG | Specialist units of competency developed for application in information management environments. |
| | RIILAT | Specialist units of competency developed for application in leadership and teamwork environments. |
| | RIIPRM | Specialist units of competency developed for application in project management environments. |
| | RIIQUA | Specialist units of competency developed for application in quality environments. |
| | RIIRIS | Specialist units of competency developed for application in risk management environments. |
| | RIIWHS | Specialist units of competency developed for application in work health and safety environments. |
| Technical fields of competence | RIIBHD | Specialist units of competency developed for application in blasting hole drilling environments. |

Industry sectors represented in RII Training Package

| | | |
|---|--------|---|
| applicable to all sectors | RIIBLA | Specialist units of competency developed for application in blasting environments. |
| | RIIERR | Specialist units of competency developed for application in emergency response and rescue environments. |
| | RIIHAN | Specialist units of competency developed for application in load handling environments. |
| | RIISAM | Specialist units of competency developed for application in service and maintenance environments. |
| | RIISTD | Specialist units of competency developed for application in sampling, testing and data processing and recording environments. |
| | RIIVEH | Specialist units of competency developed for application in vehicle operations environments. |
| Technical fields of competence applicable to more than 2 sectors | RIICAR | Specialist units of competency developed for application in conservation and rehabilitation environments. |
| | RIICTT | Specialist units of competency developed for application in trenchless technology environments. |
| | RIIMEX | Specialist units of competency developed for application in materials extraction environments. |
| | RIIMPO | Specialist units of competency developed for application in mobile plant operations environments. |
| | RIIPEO | Specialist units of competency developed for application in plant and equipment operations environments. |
| | RIIPRO | Specialist units of competency developed for application in processing (general) environments. |
| | RIIRAI | Specialist units of competency developed for application in resources and infrastructure environments. |
| | RIISDM | Specialist units of competency developed for application in spatial data management environments. |
| | RIISRM | Specialist units of competency developed for application in stockpile and reclaim material environments. |
| | RIIUND | Specialist units of competency developed for application in underground mining environments. |

Industry sectors represented in RII Training Package

| | | |
|---------------------------|--------|---|
| | RIIWBP | Specialist units of competency developed for application in waste and by-products environments. |
| | RIIWMG | Specialist units of competency developed for application in water management environments. |
| Civil Construction | RIICAM | Specialist units of competency developed for application in civil infrastructure asset management environments. |
| | RIICBM | Specialist units of competency developed for application in bridge construction and maintenance (general) environments. |
| | RIICBS | Specialist units of competency developed for application in bituminous surfacing environments. |
| | RIICCM | Specialist units of competency developed for application in civil works (common units) environments. |
| | RIICFW | Specialist units of competency developed for application in foundation works environments. |
| | RIICPL | Specialist units of competency developed for application in underground services environments. |
| | RIICRC | Specialist units of competency developed for application in road and pavements construction and maintenance (general) environments. |
| | RIICRM | Specialist units of competency developed for application in road marking environments. |
| | RIICSG | Specialist units of competency developed for application in civil structures (general) environments. |
| | RIICTB | Specialist units of competency developed for application in timber bridge construction and maintenance environments. |
| | RIICTC | Specialist units of competency developed for application in tunnel construction environments. |
| | RIICWD | Specialist units of competency developed for application in civil works design environments. |
| | RIICWM | Specialist units of competency developed for application in civil works (management and supervision) environments. |
| | RIIDML | Specialist units of competency developed for application in demolitions environments. |
| | RIIRTM | Specialist units of competency developed for application in road and traffic management environments. |

Industry sectors represented in RII Training Package

| | | |
|-----------------------------|--------------------------------|---|
| Coal Mining | RIIDES | Specialist units of competency developed for application in coal mining (diesel engine systems maintenance) environments. |
| | RIIMCO | Specialist units of competency developed for application in coal mining (open cut) environments. |
| | RIIMCP | Specialist units of competency developed for application in coal mining (coal preparation) environments. |
| | RIIMCU | Specialist units of competency developed for application in coal mining (underground) environments. |
| | RIIPEO | Specialist units of competency developed for application in coal mining (general) environments. |
| Metalliferous Mining | RIIEGS | Specialist units of competency developed for application in exploration and field work environments. |
| | RIIMPG, RIIPHA, RIIPGP, RIIPBP | Specialist units of competency developed for application in processing (general) environments. |
| | RIIMSM | Specialist units of competency developed for application in metalliferous mining (small mines) environments. |
| | RIIPBE, RIIMPG | Specialist units of competency developed for application in beneficiation environments. |
| | RIIPSM | Specialist units of competency developed for application in smelting environments. |
| | RIIUMM | Specialist units of competency developed for application in metalliferous mining (underground) environments. |
| Drilling | RIINHB | Specialist units of competency developed for application in drilling (general) environments. |
| | RIIOGD, RIIOGF, RIIOGN | Specialist units of competency developed for application in drilling (oil and gas) environments. |
| | RIIWSV | Specialist units of competency developed for application in drilling (well servicing) environments. |

Occupational outcomes of qualifications

There are currently no national credit arrangements between qualifications in the RII Resources and Infrastructure Industry Training Package and higher education programs due to the diversity of business, commerce and accounting curriculum across universities.

Achievement of AQF qualifications provides opportunities for individuals to pursue and achieve their career goals. Qualifications can be achieved in various ways, including:

- off-the-job training, e.g. attending classroom-based learning programs
- on-the-job training, e.g. apprenticeships, traineeships
- skills recognition
- credit transfer.

The qualification pathways shown on the following pages provide insight into the resources and infrastructure industry career pathways and entry-level career options. The following information and tables show possible occupational outcomes for qualifications in the training package and includes pathways between qualifications.

The qualification pathway tables are provided for each sector and can be used for a variety of purposes, for example:

- the recognition of job roles;
- increasing the knowledge of qualification structures for those already in the sector;
- increasing the knowledge of career options for those entering the industry;
- succession planning; and
- relating vocations to qualifications or skill sets.

Mandatory entry requirements

Generally, individuals may commence a qualification or skill set as long as they have the knowledge, skills or experience required for entry. Industry feedback has determined that particular entry requirements are required to maximise the successful completion of some qualifications by learners.

The table below shows those qualifications in the *RII Resources and Infrastructure Industry (mining) Training Package* with specific entry requirements.

RII qualifications with entry requirements

| Code and title | Entry requirements | Rationale |
|---|--|--|
| Certificate III in Underground Coal Operations | <p>Successful completion of the following or equivalent:</p> <ul style="list-style-type: none"> • RIICOM201E Communicate in the workplace • RIIERR203E Escape from hazardous situation unaided • RIIERR205D Apply initial response first aid • RIIGOV201E Comply with site work processes/procedures • RIIMCU217 Apply spontaneous combustion management measures • RIIMCU208E Conduct basic strata control operations • RIIMCU214E Conduct ventilation operations • RIIRIS201E Conduct local risk control | <p>Industry has identified these nine units of competency are essential for all occupational outcomes relating to underground coal mining.</p> |

| Code and title | Entry requirements | Rationale |
|----------------|---|-----------|
| | <ul style="list-style-type: none"> RIIWHS201E Work safely and follow WHS policies and procedures | |

The table below shows those skill sets in the *RII Resources and Infrastructure Training Package* with specific entry requirements.

RII skill sets with entry requirements

| Code and title | Entry requirements | Rationale |
|---|--|---|
| RIISS00075 Work in an Autonomous Workplace Skill Set | This skill set may only be undertaken in addition to: Completion of RIAR0308 Use data in an autonomous workplace or equivalent. | Industry has identified these experience and competency as essential for all occupational outcomes for work in an autonomous workplace skill set. |

Pathways advice

A pathway is the route or course of action taken to get to a destination. A training pathway generally means the learning activities or experiences used to attain the competencies needed to achieve career goals. There is no single pathway that applies to everyone; each individual has specific needs and goals.

Qualification pathways and occupational outcomes

There are currently no national credit arrangements between qualifications in the RII Resources and Infrastructure Training Package and higher education programs due to the diversity of business, commerce and accounting curriculum across universities.

Achievement of AQF qualifications provides opportunities for individuals to pursue and achieve their career goals. Qualifications can be achieved in various ways, including:

- off-the-job training, e.g. attending classroom-based learning programs
- on-the-job training, e.g. apprenticeships, traineeships
- skills recognition
- credit transfer.

Qualification pathways

Qualification pathways information in RII Training Package

Diploma

Graduates at this level will have integrated technical and theoretical knowledge in a broad range of contexts to undertake advanced, skilled, supervisory work and/or further learning.

| | |
|--|---|
| RII50120 Diploma of Surface Operations Management | Pathway to Advanced Diploma of Surface Coal Mining Management or as Mine supervisor / Open-cut operations supervisor / Leading hand |
| RII50420 Diploma of Underground Coal Mining Management | Pathway to Advanced Diploma of Underground Coal Mining Management or as an undermanager / Mine deputy |
| RII50620 Diploma of Drilling Operations | Pathway to Advanced Diploma of Drilling Management or work in Mining Management or as an undermanager / Mine deputy |
| Certificate IV | |

Graduates at this level will have theoretical and practical knowledge and skills for specialised and/or skilled work and/or further learning.

| | |
|---|---|
| RII40120 Certificate IV in Surface Extraction Operations | Pathway to Diploma of Surface Operations Management Pathway from Certificate III in Surface Extraction or industry experience |
| RII40426 Certificate IV in Underground Coal Operations | Pathway to Diploma of Underground Coal Mining Management Pathway from Certificate III in Underground Coal Ops and statutory requirements |
| RII40520 Certificate IV in Civil Construction Supervision | Pathway to Diploma of Civil Construction Management Pathway from Certificate III in Civil Construction streams |
| RII40720 Certificate IV in Civil Construction | Pathway to RII50520 Diploma of Civil Construction Management Pathway from Certificate III in Civil Construction or appropriate industry experience |
| Certificate III | |

Graduates at this level will have theoretical and practical knowledge and skills for work and/or further learning.

| | |
|---|--|
| RII30120 Certificate III in Surface Extraction Operations | Pathway to Certificate IV in Surface Extraction Operations Entry from school or workplace; RPL where appropriate |
|---|--|

| | |
|--|--|
| RII30320 Certificate III in Underground Coal Operations | <p>Pathway to Certificate IV in Underground Coal Operations</p> <p>Pathway from workplace; RPL where appropriate</p> |
| RII30420 Certificate III in Resource Processing | <p>Pathway to Certificate IV in Resource Processing</p> <p>Pathway from school or workplace; RPL where appropriate</p> |
| RII30820 Certificate III in Civil Construction Plant Operations | <p>Pathway to Certificate IV in Civil Construction / Civil Construction Supervision</p> <p>Pathway from Certificate II in Civil Construction / school-based pathways / RPL</p> |
| RII30920 Certificate III in Civil Construction | <p>Pathway to Certificate IV in Civil Construction / Civil Construction Supervision</p> <p>Pathway from Certificate II in Civil Construction / school-based pathways / RPL</p> |
| RII31820 Certificate III in Drilling Operations | <p>Pathway to Certificate IV in Drilling Oil & Gas / Civil Construction</p> <p>Pathway from Certificate II in Drilling or industry experience</p> |
| RII31519 Certificate III in Drilling Oil & Gas (Onshore) | <p>Pathway to Certificate IV in Drilling Oil & Gas or related supervision qualifications</p> <p>Pathway from workplace; RPL where appropriate</p> |
| Certificate II | |
| <p>Graduates at this level will have knowledge and skills for work in a defined context and/or further learning.</p> | |
| RII20220 Certificate II in Surface Extraction Operations | <p>Pathway to Certificate III in Surface Extraction Operations</p> <p>Pathway from school or employment; RPL where appropriate</p> |
| RII20320 Certificate II in Underground Coal Mining | <p>Pathway to Certificate III in Underground Coal Operations</p> <p>Pathway from school or employment; RPL where appropriate</p> |
| RII20420 Certificate II in Underground Metalliferous Mining | <p>Pathway to Certificate III in Underground Metalliferous Mining</p> |

| | |
|---|--|
| | Pathway from school or employment; RPL where appropriate |
| RII20520 Certificate II in Resource Processing | Pathway to Certificate III in Resource Processing Pathway from school or employment; RPL where appropriate |
| RII20620 Certificate II in Mining/Field Exploration | Pathway to Certificate III in Mining Exploration Pathway from school or employment; RPL where appropriate |
| RII20720 Certificate II in Civil Construction | Pathway to Certificate III in Civil Construction or Plant Operations Pathway from school or employment; RPL where appropriate |
| RII20920 Certificate II in Drilling Operations | Pathway to Certificate III in Drilling Operations Pathway from school or employment; RPL where appropriate |
| RII21120 Certificate II in Oil & Gas Drilling (Onshore) and Well Servicing | Pathway to Certificate III in Drilling Oil & Gas (Onshore) Pathway from school or employment; RPL where appropriate |
| Certificate I | |
| Graduates at this level will have knowledge and skills for initial work, community involvement and/or further learning. | |
| RII10115 Certificate I in Resources and Infrastructure Operations | Pathway to Certificate II in Resources & Infrastructure Work Preparation Pathway from school or employment with appropriate training and/or Recognition of prior learning |

Skill set pathways

Skill set pathways information in RII Training Package

| Code | Title | Pathways Information |
|-------------------|---|--|
| RIISS00030 | Explosion Protected Diesel Engine Systems Maintenance Skill Set | This Skill Set can provide credit towards RII40426 Certificate IV in Underground Coal Operations and other qualifications that allow for selection of these units. |
| RIISS00031 | Mine Surveying Skill Set | This Skill Set can provide credit towards RII40426 Certificate IV in Underground Coal Operations and other qualifications that allow for selection of these units. |
| RIISS00032 | Site Health and Safety Coordinator Skill Set | This Skill Set can provide credit towards RII40120 Certificate IV Surface Extraction Operations and other qualifications that allow for selection of these units. |
| RIISS00033 | Underground Mine Safety Skill Set | This Skill Set can provide credit towards RII20120 Certificate II in Resources and Infrastructure Work Preparation and other qualifications that allow for selection of these units. |
| RIISS00034 | Surface Mine Safety Skill Set | This Skill Set can provide credit towards RII20120 Certificate II in Resources and Infrastructure Work Preparation and other qualifications that allow for selection of these units. |
| RIISS00036 | Underground Shotfiring - Metalliferous Skill Set | This Skill Set can provide credit towards RII30320 Certificate III in Underground Metalliferous Mining and other qualifications that allow for selection of these units. |
| RIISS00038 | Oil and Gas (Off Shore) Rouseabout Skill Set | This Skill Set can provide credit towards RII20920 Certificate II in Drilling Operations and other qualifications that allow for selection of these units. |
| RIISS00051 | Supervision of Diverse Work Teams Skill Set | This Skill Set can provide credit toward RII40226 Certificate IV in Surface Coal Mining (Open Cut Examiner) and other qualifications that allow for selection of these units. |
| RIISS00052 | Surface Shotfiring Skill Set | This Skill Set can provide credit towards RII30120 Certificate III in Surface Extraction Operations and other qualifications that allow for selection of these units. |
| RIISS00053 | Advanced offtheroad and earthmoving tyre fitting | This Skill Set can provide credit towards RII30115 Certificate III in Surface Extraction Operations, RII30220 Certificate III in Underground Coal Operations and other qualifications that allow for selection of these units. |

| Code | Title | Pathways Information |
|-------------------|---|---|
| RIISS00062 | Construction Materials Testing Skill Set | The Skill Set can provide credit towards RII40115 Certificate IV in Surface Extraction Operations and other qualifications that allow for selection of the units. |
| RIISS00075 | Work with Data in an Autonomous Workplace Skill Set | This Skill Set can provide credits towards RII21222 Certificate II in Autonomous Workplace Operations and any other qualifications that allow for the selection of this unit. |

Access and equity considerations

Access and equity relate to the approaches used to make sure training and assessment practices consider and respond to the individual support needs of learners so that potential learning barriers are eliminated or minimised. Individual support needs that learners could present with could relate to their:

- age
- gender
- cultural or ethnic background
- disability
- sexuality
- language, literacy or numeracy skills
- employment status
- geographical location.

The design and content of this training package support equitable access and progression for all learners. It is the responsibility of the RTO delivering and assessing qualifications to:

- ensure that training and assessment processes and methods do not disadvantage individual learners
- determine the support needs of individual learners and to provide access to any educational and support services necessary.

Some practical ways that access and equity issues could be addressed include:

- modifying assessment processes and techniques for learners who are located at a distance from a campus location
- checking that materials are culturally appropriate for learners
- activities and assessments are suitable for the language, literacy and numeracy skill levels of learners (while meeting the requirements of the unit of competency).

Regional and Remote Delivery Considerations

Where training and assessment is delivered in regional or remote contexts, providers may adopt flexible and context-appropriate approaches, provided all unit requirements are met. This may include:

- Use of mobile training and assessment models, partnerships with employers, community organisations or shared facilities to support access to specialised resources and equipment
- Contextualisation of learning and assessment scenarios to reflect local industry settings, such as agriculture, mobile plant or community fleet operations.

Considerations specific to learners with disability

A legislative and regulatory framework underpins and supports the delivery of VET across Australia. Under this framework, VET providers must take steps to ensure that learners with recognised disabilities can access and participate in education and training on the same basis as learners without disabilities.

RTOs have obligations to support learners with disability under the Standards for RTOs 2025, *Disability Discrimination Act 1992*, and the Disability Standards for Education 2005. RTOs need to provide advice and information to learners with disability about the suitability of a course, any inherent requirements for the course, reasonable adjustments that can be made, and support that is available.

Training and assessment practices must give due consideration to learners with disability, and in particular recognise the diverse range of disabilities and individualised impact that disability has on learners. Disability is broad and diverse, and can include physical and learning disabilities, chronic medical condition, or mental illness. RTOs must take an individualised approach to supporting learners with disability, recognising that each learner's disability will be specific to that person, and will have a specific impact on their learning experience. An individual's disability may necessitate the implementation of specific supports to allow them to participate in learning.

It is recommended to ask universally (and also on an individual basis) whether a person requires adjustments to undertake their course. Make it clear that all personal information will be handled confidentially and that this question is only asked for the purposes of being able to offer support and arrange reasonable adjustments. Learners with disability do not have to disclose their disability, but by making it clear that disclosure is only for the purposes of providing support so they can access and participate in VET equally, learners are more likely to feel comfortable disclosing. If a learner does choose to disclose, they must be consulted to determine what supports or reasonable adjustments should be put in place for them.

It is important that all staff are made aware of what their responsibilities are in negotiating and implementing adjustments and supports.

Examples of educational and support services that can assist learners with disability meet course requirements include:

- offering study support and skills programs, including language, literacy and numeracy (LLN) programs
- providing equipment, resources and/or programs to increase access for learners with disability

- using trained support staff including specialist teachers, note-takers and interpreters
- flexible scheduling and delivery of training and assessment, including allowing longer time where appropriate, and adjusting delivery methods and communication techniques
- providing learning and assessment materials in alternative formats.

Reasonable adjustment for learners with disability

Reasonable adjustments can be made to the learning environment, training delivery, learning resources and/or assessment tasks to accommodate the support needs of a learner with disability. The purpose of reasonable adjustments is to make it possible for learners to participate fully. It is not to give learners with additional or different needs an advantage over others, to change course standards or outcomes, or to guarantee success.

A reasonable adjustment in learning and assessment activity needs to be justifiable and uphold the integrity of the unit/qualification. An adjustment is reasonable if it can accommodate the learner's support needs while also considering factors such as the views of the learner, the potential effect of the adjustment on the learner and others, the costs and benefits of making the adjustment. Reasonable adjustments should be negotiated on an individualised basis, recognising that each person with disability will have specific learning needs and requirements for adjustment.

Inherent requirements are the fundamental parts of a course that must be met by all learners in order for them to be deemed competent. They are the abilities, skills and knowledge learners need to undertake the course — those components which, if removed, would compromise the learning outcomes. Learners with disability should be provided with reasonable adjustments to enable them to meet these inherent requirements, provided this would not cause unjustifiable hardship to the RTO. However, if a learner cannot meet the inherent requirements, even with adjustments, then they cannot undertake the course. Learners should be given as much information as possible to allow them to make informed decisions about whether they will be able to meet inherent course requirements.

Adjustments must:

- be discussed with and agreed to by the learner with disability
- benefit the learner with disability
- maintain the integrity of the competency standards
- be a reasonable expectation in a workplace or training and assessment environment.

Adjustments are not required if they could:

- cause the RTO unjustifiable hardship
- harm other learners.

Making reasonable adjustments requires the RTO to balance the need for change with the expense or effort involved in making this change. If an adjustment requires a disproportionately high expenditure or disruption, it is not likely to be reasonable.

- Reasonable adjustments can encompass a range of areas including the physical environment, teaching delivery and format, utilisation of assistance equipment and reduction of study load. Examples of reasonable adjustments that can assist learners with disability to participate fully in training and assessment include:

- accessible classrooms
- changes to class scheduling
- note-taking or interpreting support
- modification to presentation mediums and techniques or teaching practices
- course materials, information and learning tasks in alternative formats
- alternative assessment formats, timeframes or tasks
- availability of assistive technologies or specialised equipment
- allowing a carer or support person to be present in the learning environment.

Additional resources

The following resources can provide further information about different types of disability, as well as additional guidance and support for meeting the needs of learners with disability:

- the Australian Disability Clearinghouse on Education and Training (ADCET)
- the Australian Human Rights Commission
- National Disability Coordination Officers.

RTO support services, access and equity or disability departments can also provide guidance on supporting and including learners with disability. An overview of some specific types of disability, their possible impacts, and teaching and assessment strategies to assist learners with these impacts, can be found at: <https://www.adcet.edu.au/inclusive-teaching/specific-disabilities/>.

Foundation skills

Foundation skills are the non-technical skills that support an individual's participation in the workplace, in the community and in education and training. They describe the language, literacy, numeracy (LLN) and employment skills that are essential to performance and are explicitly identified in the foundation skills field of a unit of competency, which:

- identifies the essential foundation skills that are not explicit in the performance criteria of the unit
- describes the application of each skill in context of the performance criteria
- should be considered as an integrated part of the unit for assessment purposes.

The language, literacy and numeracy skills are represented by the five core skills set out in the Australian Core Skills Framework (ACSF): Learning, reading, writing, oral communication and numeracy.

The employment skills are described using:

- the skills set out in the employability skills framework: Teamwork, Initiative and enterprise, Planning and organising, Problem solving, Self-management, and Technology.

Key features of the ACSF

The ACSF describes each of the five core skills across three interactive dimensions as outlined in the table below:

1. Five levels of performance ranging from 1 (low level performance) to 5 (high level performance)
2. Four performance variables that may influence a person's performance at any time:
 - The nature and degree of support available
 - Familiarity with context
 - Text complexity, and
 - Task complexity.
3. Three Domains of Communication, broad contexts within which the core skill may be used:
 - Personal and community (related to expressing personal identity and achieving personal goals, and understanding and interacting within the wider community),
 - Workplace and employment (refers to activities that an individual may be involved in as a member of an organisation or that may be conducted by someone working alone), and
 - Education and training (refers to any form of structured learning).

| Support | Context | Text complexity | Task complexity |
|--|---|---|--|
| Works alongside an expert/mentor where prompting and advice can be provided | Highly familiar contexts Concrete and immediate Very restricted range of contexts | Short and simple Highly explicit purpose Limited, highly familiar vocabulary | Concrete tasks of 1 or 2 steps Processes include locating, recognising |
| May work with an expert/mentor where support is available if requested | Familiar and predictable contexts Limited range of contexts | Simple familiar texts with clear purpose Familiar vocabulary | Explicit tasks involving a limited number of familiar steps Processes include identifying, simple interpreting, simple sequencing |
| Works independently and uses own familiar support resources | Range of familiar contexts Some less familiar contexts Some specialisation in familiar/known contexts | Routine texts May include some unfamiliar elements, embedded information and abstraction Includes some specialised vocabulary | Tasks involving several steps Processes include sequencing, integrating, interpreting, simple extrapolating, simple inferencing, simple abstracting |
| Works independently and initiates and uses support from a range of established resources | Range of contexts, including some that are unfamiliar and/or unpredictable Some specialisation in less familiar/known contexts | Complex tasks Embedded information Includes specialised vocabulary Includes abstraction and symbolism | Complex task organisation and analysis involving application of a number of steps Processes include extracting, extrapolating, inferencing, reflecting, |

| Support | Context | Text complexity | Task complexity |
|---|--|---|--|
| | | | abstracting |
| Autonomous learner who accesses and evaluates support from a broad range of sources | Broad range of contexts Adaptability within and across contexts Specialisation in one or more contexts | Highly complex texts Highly embedded information Includes highly specialized language and symbolism | Sophisticated task conceptualisation, organisation and analysis Processes include synthesising, critically reflecting, evaluating, recommending |

For more information on the ACSF, go to: [The Australian Core Skills Website](#)

Health and safety implications in the industry

Work health and safety (WHS) requirements are covered either by:

- embedding requirements in the elements/performance criteria of units of competency
- including specific WHS units in qualifications.

In jurisdictions where model *WHS* laws have not been implemented, RTOs are advised to contextualise units of competency by referring to the existing WHS legislative requirements.

Resource and equipment requirements

RTOs must make sure that all resources and equipment required to train and assess units of competency are available.

Details of specific resources, including equipment and materials essential for assessment, are listed in the Assessment conditions sections of the assessment requirements for each unit of competency.

Legal considerations for learners in the workplace/on placements

Legal requirements that apply to specific industries and VET vary across each state and territory and can regularly change. Contact the relevant state or territory department/s to check what legal requirements apply.

Other information relevant to implementing the training package

Requirements for assessors and industry experts

In collaboration, AUSMASA and BuildSkills Australia are updating the Assessor Requirements on a case-by-case basis in RII training products.

Assessor requirements in these units of competency are being updated to accurately reflect the requirements of the Standards for Registered Training Organisations 2025. All assessors (including industry experts involved in assessment) must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

In addition to these requirements in applicable vocational education and training legislation, frameworks and/or standards; assessors and industry experts in identified RII units of competency must also have a minimum number of years industry experience, directly relevant to the training and assessment being provided. This requirement applies to both assessors and industry experts, irrespective of whether they will be providing training, *or* assessment, *or* training *and* assessment. These requirements ensure assessors and industry experts have a depth of experience and exposure to a range of operating conditions *before* delivering training and/or assessment. The intention is to ensure learner safety, industry confidence and robust training and assessment outcomes.

Given the highly technical nature and strict regulatory and licencing requirements of the Resources and Infrastructure Industry, any persons that are wholly or partially conduct assessment, independently or together with another assessor, or are involved in an assessment judgement, is considered an Assessor. This includes those referred to as industry experts involved in assessment, regardless of the engagement/employment arrangements.

For further information on 2025 Standards for RTOs visit [2025 Standards for RTOs | Australian Skills Quality Authority \(ASQA\)](#)

Training and assessment in simulated environments

Units of competency in the *RII Resources and Infrastructure Industry Training Package* may be delivered and assessed in the workplace or in a simulated workplace environment.

To maintain the integrity of training and assessment RTOs, trainers and assessors need to keep pace with industry technologies and ensure that learning activities and assessments accurately reflect workplace activities and conditions. RTOs will need regular contact with industry to ensure the currency and validity of all activities conducted in simulated environments.

All assessors must consider relevant care and due diligence when assessing units of competency.

Workplace simulation criteria

In conducting training and assessment in a simulated workplace environment, trainers and assessors must make sure that the simulated environment gives the learner the opportunity to meet the following critical criteria:

- 1 **Quality** – The work is of the standard required in the industry.
- 2 **Productivity** – The work is performed within a timeframe appropriate in the industry.
- 3 **Safety** – The work is performed in a manner that meets industry safety standards.

Where simulations meet these criteria, RTOs can be confident that learners are ‘work ready’ on successful completion of units of competency.

Simulations should provide opportunities for integrated assessment of competence that include:

- performing the task (task skills)
- managing a number of tasks (task management skills)
- dealing with workplace irregularities such as unexpected problems, breakdowns and changes in routine (contingency management skills)
- fulfilling the responsibilities and expectations of the job and workplace, including working with others (job/role environment skills)
- transferring competency to new contexts.

To further enhance the validity of assessment processes using simulation, the assessor should consider:

- assessments covering a range of interconnected units of competency
- use of assessment checklists to ensure that all performance evidence and knowledge evidence requirements have been met
- use of self-assessment, peer assessment and debriefing activities
- use of authentic workplace documentation.

Assessment activities must be realistic and reasonable in terms of scale.

Australian apprenticeships

Apprenticeships and traineeships are legally binding training arrangements between an employer and an employee that combine training with paid employment.

Apprenticeships and traineeships are established and administered by *State or Territory Training Authorities (STAs)*. STAs are the government departments in each state or territory responsible for the operation of the VET system (including Australian Apprenticeships).

The Australian Apprenticeships website offers information about apprenticeships and traineeships, and includes links to the websites for STAs. Visit www.australianapprenticeships.gov.au for more information.

The following *RII Resources and Infrastructure (mining) Industry Training Package* qualifications are suitable as an Australian traineeship or apprenticeship pathway:

- RII20220 Certificate II in Surface Extraction Operations
- RII20320 Certificate II in Underground Coal Mining
- RII20420 Certificate II in Underground Metalliferous Mining
- RII20520 Certificate II in Resource Processing
- RII20920 Certificate II in Drilling Operations
- RII21120 Certificate II in Oil & Gas Drilling (Onshore) and Well Servicing
- RII31820 Certificate III in Drilling Operations
- RII32026 Certificate III in Drilling Oil/Gas (Onshore)
- RII32220 Certificate III in Well Servicing Operations
- RII40126 Certificate IV in Surface Extraction Operations
- RII40920 Certificate IV in Drilling Operations.

VET for secondary school students

VET programs enable school students to acquire workplace skills and knowledge while still at secondary school.

Successful achievement of a VET program provides a school student with a nationally recognised AQF qualification, usually as part of a senior secondary certificate.

VET programs are packaged and delivered in various ways across Australia. The three main delivery arrangements used are:

- schools hold RTO status
- school sectoral bodies (such as Boards of Studies or regional offices) hold RTO status on behalf of a group of schools
- schools work together in partnership with RTOs.

In some state and territory school systems, school students who work part-time in an appropriate workplace may use this to fulfil work placement requirements. Virtual or simulated work placements may also be legitimate.

No qualifications from the *RII Resources and Infrastructure Industry Training Package* are suitable for delivery to secondary school students.

RTOs are advised to check requirements with the relevant authorities in their State or Territory.

Training and assessment issues for the school sector

Implementation of the *RII Resources and Infrastructure Training Package* within the school sector, while encouraged, needs to ensure:

- the currency of skills and knowledge of those who train and assess school students – particularly as expressed in the Standards for RTOs
- access to current industry equipment, facilities and training resources so that students acquire a realistic view of workplace realities and conditions
- comprehensive coverage of foundation skills, performance and knowledge as outlined in the unit of competency and assessment requirements for each unit of competency

- current and realistic learning and assessment experiences.

Cross-sector skills

Cross-sector units of competency are considered for inclusion within RII qualifications, however due to the specific technical nature of the Resources and Infrastructure Industry and the strict regulatory and licencing requirements, cross-sector units of competency are often not suitable for use in the Training Package.

Contacts and Links

Companion volumes/ training package information

Companion Volume Implementation Guides can be found on the TGA website:

<http://www.training.gov.au/>

Training Package developer's quality assurance process for companion volumes

All training packages must be designed and developed to comply with the [Training Package Organising Framework](#) and accompanying policies, as approved by Commonwealth and State/Territory ministers.

More information about training package standards and policies is available on the Department of Employment and Workplace Relations website: [Department of Employment and Workplace Relations](#)

Training packages are developed to meet the training needs of specific industries and sectors. They differ from other education and training courses in that they must be created with industry involvement and extensive national consultation. They are regularly reviewed as required and updated to ensure they remain current and fit for purpose.

Department of Employment and Workplace Relations: <https://www.dewr.gov.au/>

General

Australian Qualifications Framework: Second edition, January 2013 <http://www.aqf.edu.au/>

Australian Skills Quality Authority (ASQA) <http://www.asqa.gov.au>

TGA website, training packages <http://www.training.gov.au/>

Training Accreditation Council (Western Australia) <http://www.tac.wa.gov.au>

Victorian Registration and Qualifications Authority (VRQA) <http://www.vrqa.vic.gov.au/>

State and Territory Training Authorities

Australian Capital Territory <https://www.education.act.gov.au/>

New South Wales
<http://www.dec.nsw.gov.au/>

Northern Territory [https://education.nt.gov.au /](https://education.nt.gov.au/)

Queensland <http://training.qld.gov.au/>

South Australia <http://www.statedevelopment.sa.gov.au/>

Tasmania <http://www.skills.tas.gov.au/>

Victoria <http://www.education.vic.gov.au/>

Western Australia <http://www.dtwd.wa.gov.au>

Version control and modification history

| Version number | Release date | Comments |
|---------------------|--------------|---|
| Version 11.0 | May 2026 | <p>This training package release includes changes to the qualifications, units of competency and skill sets noted below:</p> <p>Major Changes</p> <p>Qualifications</p> <p>RII30726 Certificate III in Emergency Response and Rescue</p> <p>RII30826 Certificate III in Civil Construction (Plant Operations)</p> <p>RII30926 Certificate III in Civil Construction</p> <p>RII41326 Certificate IV in Emergency Response Coordination</p> <p>Units of Competency</p> <p>RIIBEF201 Plan and organise work</p> <p>RIICCM202 Identify, locate and protect underground services</p> <p>RIICCM206 Support plant operations</p> <p>RIICCM208 Carry out basic levelling</p> <p>RIICCM209 Carry out concrete work</p> <p>RIICCM210 Install trench support</p> <p>RIICTC307 Conduct tunnel boring machine operations</p> <p>RIICWD503 Prepare traffic management plans and traffic guidance schemes</p> <p>RIIHAN308 Load and unload plant</p> <p>RIIERR201 Conduct fire team operations</p> <p>RIIERR305 Control underground fires</p> <p>RIIERR307 Extricate casualties from underground incidents</p> <p>RIIERR308 Extricate and transport people involved in incidents</p> <p>RIIMPO317 Conduct roller operations</p> <p>RIIMPO318 Conduct civil constructions skid steer loader operations</p> <p>RIIMPO319 Conduct civil construction backhoe/loader operations</p> <p>RIIMPO320 Conduct civil construction excavator operations</p> <p>RIIMPO321 Conduct civil construction wheeled front end loader operations</p> <p>RIIMPO322 Conduct civil construction tracked front end loader operations</p> <p>RIIMPO323 Conduct civil construction dozer operations</p> <p>RIIMPO324 Conduct civil construction grader operations</p> <p>RIIMPO325 Conduct civil construction scraper operations</p> <p>RIIMPO337 Conduct articulated haul truck operations</p> <p>RIIMPO338 Conduct rigid haul truck operations</p> <p>RIIRIS301 Apply risk management processes</p> <p>RIIWH202 Enter and work in confined spaces</p> |

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| | | <p>RIIWHS204 Work safely at heights RIIWHS302 Implement traffic management plans</p> <p>Developed RIIERR312 Respond to incidents involving energy storage systems</p> <p>Minor Changes Qualifications RII20120 Certificate II in Resource and Infrastructure Work Preparation RII20320 Certificate II in Underground Coal Mining RII20520 Certificate II in Resource Processing RII40120 Certificate IV in Surface Extraction Operations RII40426 Certification IV in Underground Coal Operations RII40520 Certificate IV in Resource Processing RII40720 Certificate IV in Civil Construction</p> <p>Skill Sets RIISS00029 Leading Hand – Coal Mining Skill Set RIISS00033 Underground Mine Safety Skill Set RIISS00034 Surface Mine Safety Skill Set RIISS00051 Supervision of Diverse Work Teams Skill Set</p> <p>Units of Competency RIIERR301E Respond to work site incidents RIIERR302E Respond to local emergencies and incidents RIIERR404D Apply and monitor underground metalliferous mine emergency preparedness and response systems RIIERR601E Establish and maintain mine emergency preparedness and response systems</p> |
| Version 10.0 | January 2026 | <p>This Training Package release includes the qualifications, units of competency and skill sets noted below:</p> <p>Major Changes</p> <p>RII32026 Certificate III in Drilling Oil & Gas (Onshore) RII32226 Certificate III in Well Servicing Operations RII40226 Certificate IV in Surface Coal Mining (Open Cut Examiner) RII40426 Certificate IV in Underground Coal Operations RII41126 Certificate IV in Drilling Oil & Gas (Onshore) RII41226 Certificate IV in Well Servicing Operations RII50326 Diploma of Minerals Processing</p> |

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| | | <p>RII60726 Advanced Diploma of Surface Coal Mining Management</p> <p>Minor Changes</p> <p>RII20220 Certificate II in Surface Extraction Operations RII20420 Certificate II in Underground Metalliferous Mining RII20520 Certificate II in Resource Processing RII20620 Certificate II in Mining/Field Exploration RII20920 Certificate II in Drilling Operations RII21120 Certificate II in Oil & Gas Drilling (Onshore) and Well Servicing RII30220 Certificate III in Underground Coal Operations RII30320 Certificate III in Underground Metalliferous Mining RII30120 Certificate III in Surface Extraction Operations RII30420 Certificate III in Resource Processing RII30520 Certificate III in Mining Exploration RII31820 Certificate III in Drilling Operations RII40320 Certificate IV in Underground Metalliferous Mining Operations RII40520 Certificate IV in Resource Processing RII40920 Certificate IV in Drilling Operations RII50120 Diploma of Surface Operations Management (Release 2) RII50820 Diploma of Drilling Oil & Gas (Onshore) RII50920 Diploma of Underground Coal Mining Management RII51020 Diploma of Well Servicing Operations RII60320 Advanced Diploma of Underground Coal Mining Management RII60415 Advanced Diploma of Drilling Management</p> <p>Deleted Training Products</p> <p>The following skill sets have been deleted: RIISS00035 Underground Shotfiring - Coal Skill Set</p> <p>The following units of competency have been deleted: RIIMCU201D Operate power tram RIIMCU202D Conduct tracked vehicle/plant operations RIIMCU207D Install, maintain and recover electrical services RIIMCU211D Install and maintain explosion barriers RIIMCU213E Conduct feeder breaker operations RIIMCU215D Operate longwall ancillary equipment RIIMCU216D Maintain lamp cabin operations RIIMCU309E Operate breaker line supports</p> |

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| | | RIIMCU310E Conduct flexible conveyor train (FCT) operations RIIMCU401E Conduct special roadway operations RIPEO202E Provide deck support for conveyor-car high wall mining operations RIPEO208E Extend, retract and maintain conveyor componentry RIPEO301E Conduct conveyor-car high wall mining operations RIISAM315A Manage tyre, wheel and rim assembly applications RIISAM403E Commission/recommission plant RIIRAI608D Establish quarry development RIISAM303E Shutdown dredge for operator maintenance |
| Version 9.0 | September 2022 | AISC endorsement of the following RII components This Training Package release includes the qualifications, units of competency and skill set noted below. 2 newly created qualifications: RII21222 Certificate II in Autonomous Workplace Operations <ul style="list-style-type: none"> ● RII41522 Certificate IV in Autonomous Control and Remote Operations 19 newly created units of competency: RIIARO201 Work in autonomous operations RIIARO202 Use data and technology to complete work in autonomous operations RIIARO308 Use data in an autonomous workplace RIIARO402 Optimise performance of complex control systems in autonomous operations RIIARO403 Maintain continuity of operational control RIIARO404 Improve outcomes within a distributed value chain network RIIARO405 Optimise automated drilling operations RIIARO406 Optimise automated haulage operations RIIARO407 Optimise automated fixed plant operations RIIARO408 Optimise automated wet processing plant operations RIIARO409 Optimise automated in-loading and out-loading operations RIIARO410 Control safety risks in autonomous operations RIIARO411 Manage situational awareness RIIBEF403 Collaborate to achieve quality outcomes RIIBEF404 Undertake informed and dynamic decision making RIIBEF405 Optimise personal performance RIICOM202 Contribute to effectiveness of communication and teamwork in an autonomous workplace RIICOM401 Communicate effectively in a remote work environment RIIWHS208 Operate within an autonomous workplace functional safety system |

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| | | <p>1 newly created skill set: RIISS00075 Work with Data in an Autonomous Workplace Skill Set</p> <p>SSO upgrade for the following RII components.</p> <p>Qualifications</p> <p>1 qualification was updated: RII41319 Certificate IV in Emergency Response Coordination</p> <p>Units of competency 8 units of competency were updated: RIIARO301 Work safely in autonomous environment RIIARO303 Operate equipment in autonomous environment RIIARO304 Coordinate and interact with autonomous systems RIIARO306 Respond to obstructions to autonomous operations RIIARO307 Active and deactivate autonomous systems RIIARO401 Supervise autonomous operations RIICBS302E Conduct paver screeding operations RIILAT402E Provide leadership in the supervision of diverse work teams</p> <p>Skill Sets 8 skill sets were updated: RIISS00058 Traffic controller skills set for urban streets and low volume rural roads RIISS00059 Traffic controller skill set for high volume roads RIISS00060 Traffic management implementer skill set for urban streets and low volume rural roads RIISS00061 Traffic management implementer skill set for high volume roads RIISS00062 Traffic management implementer skill set for motorways and freeways RIISS00063 Traffic management designer skill set for urban streets and low volume rural roads RIISS00064 Traffic management designer skill set for high volume roads RIISS00065 Traffic management designer skill set for motorways and freeways</p> |
| Version 8.0 | January 2021 | <p>AISC endorsement of the following RII components</p> <p>This Training Package release includes updates to a number of qualifications, units of competency and skill sets as noted below.</p> <p>Qualifications</p> |

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| | | <p>One newly created qualification: RII41421 Certificate IV in Civil Infrastructure Asset Management</p> <p>One revised qualification with minor changes only: RII50420 Diploma of Civil Construction Management</p> <p>Units of competency 12 newly created units of competency: RIICAM401 Conduct a condition assessment of road pavements RIICAM402 Conduct a condition assessment of roadside infrastructure RIICAM403 Conduct a condition assessment of stormwater drainage RIICAM404 Conduct a condition assessment of civil structures RIICAM405 Conduct a condition assessment of civil foundations RIICAM406 Conduct a condition assessment of water and sewerage mains RIICAM407 Conduct a condition assessment of underground services RIICAM408 Conduct a condition assessment of open spaces RIICAM409 Manage civil infrastructure datasets RIICAM410 Maintain asset inventories RIICAM501 Analyse and interpret civil infrastructure asset datasets RIICAM502 Make decisions using civil infrastructure asset data</p> <p>Skill sets Nine newly created skill sets: RIISS00066 Civil Infrastructure Asset Management - Road Pavements Skill Set RIISS00067 Civil Infrastructure Asset Management - Roadside Infrastructure Skill Set RIISS00068 Civil Infrastructure Asset Management - Stormwater Drainage Skill Set RIISS00069 Civil Infrastructure Asset Management - Civil Structures Skill Set RIISS00070 Civil Infrastructure Asset Management - Civil Foundations Skill Set RIISS00071 Civil Infrastructure Asset Management - Water and Sewerage Mains Skill Set RIISS00072 Civil Infrastructure Asset Management - Underground Services Skill Set RIISS00073 Civil Infrastructure Asset Management - Open Spaces Skill Set RIISS00074 Civil Infrastructure Asset Management - Analyse Data for Asset Management Decision Making Skill Set</p> <p>31 skill sets updated to replace superseded units of competency with current versions:</p> |

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| | | <p>RIISS00018 Concrete Paving - Automated Paving Guidance System (APGS) Technician Skill Set</p> <p>RIISS00019 Concrete Paving - Finisher Skill Set</p> <p>RIISS00020 Concrete Paving - General Hand Skill Set</p> <p>RIISS00021 Concrete Paving - Hand Texturing and Curing Skill Set</p> <p>RIISS00022 Concrete Paving - Joint Sealer Skill Set</p> <p>RIISS00023 Concrete Paving - Machine Operator Skill Set</p> <p>RIISS00024 Concrete Paving - Saw Cutter Skill Set</p> <p>RIISS00025 Concrete Paving - Spotter Recorder Skill Set</p> <p>RIISS00026 Concrete Paving - Stringliner Skill Set</p> <p>RIISS00027 Concrete Paving - Texture Machine Operator Skill Set</p> <p>RIISS00028 Concrete Paving - Tie Bar Inserter Skill Set</p> <p>RIISS00029 Leading Hand - Coal Mining Skill Set</p> <p>RIISS00031 Mine Surveying Skill Set</p> <p>RIISS00032 Site Health and Safety Coordinator Skill Set</p> <p>RIISS00033 Underground Coal Mine Safety Skill Set</p> <p>RIISS00034 Surface Coal Mine Safety Skill Set</p> <p>RIISS00035 Underground Shotfiring - Coal Skill Set</p> <p>RIISS00036 Underground Shotfiring - Metalliferous Skill Set</p> <p>RIISS00038 Oil and Gas (Off Shore) Rouseabout Skill Set</p> <p>RIISS00042 Work Zone Traffic Control - Road Labourer Skill Set</p> <p>RIISS00043 Work Zone Traffic Control - Supervisor Skill Set</p> <p>RIISS00046 Leading Hand Skill Set</p> <p>RIISS00047 Stabiliser Support Staff Skill Set</p> <p>RIISS00048 Operator of Stabiliser Skill Set</p> <p>RIISS00049 Operator of Spreader Skill Set</p> <p>RIISS00050 Operator of Stabiliser (using foam bitumen) Skill Set</p> <p>RIISS00051 Supervision of Diverse Work Teams Skill Set</p> <p>RIISS00052 Surface Shotfiring Skill Set</p> <p>RIISS00054 Traffic Controller Skill Set</p> <p>RIISS00055 Traffic Management Implementer Skill Set</p> <p>RIISS00056 Traffic Management Designer Skill Set</p> <p>SSO (Skills Service Organisation) upgrade of the following components.</p> <p>Qualifications</p> <p>Minor updates were made to the following qualification from the RII Resources and Infrastructure Industry Training Package Version 7.1:</p> <p>RII31820 Certificate III in Drilling Operations</p> <p>Units of competency</p> <p>Minor updates were made to the following four units of competency from the RII Resources Infrastructure Industry Training Package Version 7.1:</p> |

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| | | RIIVH303F Drive heavy combination vehicle RIICPL401E Supervise the installation of underground services using open excavation RIIVH306E Operate a mine service vehicle RIIVH307F Operate a heavy rigid vehicle |
| Version 7.1 | September 2021 | Minor upgrade |
| Version 7.0 | March 2021 | AISC endorsement |
| Version 6.0 | November 2020 | AISC endorsement |
| Version 5.0 | September 2020 | AISC endorsement |
| Version 4.2 | June 2020 | Minor upgrade |
| Version 4.1 | March 2020 | Minor upgrade |
| Version 4.0 | December 2019 | AISC endorsement |
| Version 3.0 | December 2018 | AISC endorsement |
| Version 2.0 | December 2015 | AISC endorsement |
| Version 1.4 | December 2014 | Minor upgrade |
| Version 1.3 | April 2014 | Minor upgrade |
| Version 1.2 | March 2014 | Minor upgrade |
| Version 1.1 | January 2014 | Minor upgrade |
| Version 1.0 | November 2013 | AISC endorsement |