



Australian Government

Credit arrangements for RII Resources and Infrastructure Industry Training Package

Release: 9.0

RII Resources and Infrastructure Industry Training Package

Modification History

Version number	Release date	Comments
Release 9.0	19 October, 2022	<p>AISC endorsement of the following RII components This Training Package release includes the qualifications, units of competency and skill set noted below.</p> <p>2 newly created qualifications:</p> <ul style="list-style-type: none"> • RII21222 Certificate II in Autonomous Workplace Operations • RII41522 Certificate IV in Autonomous Control and Remote Operation <p>19 newly created units of competency:</p> <ul style="list-style-type: none"> • 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

		<ul style="list-style-type: none"> • 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 <p>1 newly created skill set:</p> <ul style="list-style-type: none"> • RIISS00075 Work with Data in an Autonomous Workplace Skill Set <p>SSO upgrade for the following RII components</p> <p>Qualifications:</p> <p>1 qualification was updated:</p> <ul style="list-style-type: none"> • RII41319 Certificate IV in Emergency Response Coordination <p>Units of competency:</p> <p>8 units of competency were updated:</p> <ul style="list-style-type: none"> • RIIARO301 Work safely in autonomous environments • RIIARO303 Operate equipment in autonomous environments • RIIARO304 Coordinate and interact with autonomous systems • RIIARO306 Respond to obstructions to autonomous operations • RIIARO307 Activate and deactivate autonomous systems • RIIARO401 Supervise autonomous operations • RIICBS302E Conduct paver screeding operations • RIILAT402E Provide leadership in the supervision of diverse work teams <p>Skill Sets:</p> <p>8 skill sets were updated</p> <ul style="list-style-type: none"> • RIISS00058 Traffic Controller Skill Set for Urban Streets and Low Volume Rural Roads • RIISS00059 Traffic Controller Skill Set for
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		<p>High Volume Roads</p> <ul style="list-style-type: none"> • 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
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RII Training Package Modification History

Version number	Status	Release date	Approval process	Comments
Release 8.1	Current	May 2022	May 2022	<p>Minor Release</p> <p>RII40220 Certificate IV in Surface Coal Mining (Open Cut Examiner)</p> <ul style="list-style-type: none"> • Correction to unit title RIIMPO338E in Packaging Rules Group D electives <p>RII41421 Certificate IV in Civil Infrastructure Asset Management</p> <ul style="list-style-type: none"> • Omitted Packaging Rules added to qualification.

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
Release 8.0	Current	March 2022	12 October, 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> <p>One newly created qualification:</p> <ul style="list-style-type: none"> • RII41421 Certificate IV in Civil Infrastructure Asset Management <p>One revised qualification with minor changes only:</p> <ul style="list-style-type: none"> • RII50420 Diploma of Civil Construction Management <p>Units of competency</p> <p>12 newly created units of competency:</p> <ul style="list-style-type: none"> • 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
Approved				<p>Page 5 of 57</p> <p>© Commonwealth of Australia, 2025</p> <p>Ministry of Education and Skills Alliance</p>

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
7.1	Current	September 2021	Minor change	<p>Minor changes as an SSO upgrade</p> <p>This Training Package release includes minor changes to and reinstatements of a number of training products as noted below. These changes are not subject to AISC endorsement.</p> <p>Qualifications</p> <p>Eight qualifications amended:</p> <ul style="list-style-type: none"> • RII30120 Certificate III in Surface extraction • RII30220 Certificate III in Underground Coal Operations • RII30320 Certificate III in Underground Metalliferous Mining • RII30920 Certificate III in Civil Construction • RII40320 Certificate IV in Underground Metalliferous Mining Operations • RII41319 Certificate IV in Emergency Response Coordination • RII60120 Advanced Diploma of Metalliferous Mining • RII60620 Advanced Diploma of Civil Construction <p>One qualification deleted:</p> <ul style="list-style-type: none"> • RII50315 Diploma of Minerals Processing <p>Units of competency</p> <p>21 units of competency amended:</p> <ul style="list-style-type: none"> • RIICOM301E Communicate Information • RIICOM302D Communicate workplace information • RIICTC303E Excavate tunnel by machine • RIIERR404D Apply and monitor underground Metalliferous mining emergency preparedness and response
Approved				Page 6 of 57
© Commonwealth of Australia, 2025				Metalliferous mining emergency preparedness and response

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
7.0	Superseded	March 2021	AISC process	<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> <p>12 revised qualifications:</p> <ul style="list-style-type: none"> • RII20220 Certificate II in Surface Extraction Operations • RII20420 Certificate II in Underground Metalliferous Mining • RII20520 Certificate II in Resource Processing • RII30120 Certificate III in Surface Extraction Operations • RII30320 Certificate III in Underground Metalliferous Mining • RII30420 Certificate III in Resource Processing • RII40120 Certificate IV in Surface Extraction Operations • RII40320 Certificate IV in Underground Metalliferous Mining Operations • RII40520 Certificate IV in Resource Processing • RII50120 Diploma of Surface Operations Management • RII60120 Advanced Diploma of Metalliferous Mining • RII60220 Advanced Diploma of Extractive Industries Management <p>Units of competency</p> <p>14 newly created units of</p>

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Version number	Status	Release date	Approval process	Comments
				<p>competency:</p> <ul style="list-style-type: none"> • RIIARO301 Work safely in autonomous environments • RIIARO302 Work safely with remotely piloted aircraft systems • RIIARO303 Operate equipment in autonomous environments • RIIARO304 Coordinate and interact with autonomous systems • RIIARO305 Build and maintain routes for autonomous operations • RIIARO306 Respond to obstructions to autonomous operations • RIIARO307 Activate and deactivate autonomous systems • RIIARO401 Supervise autonomous operations • RIIMEX408 Supervise overburden dump operations • RIIMCU218 Work safely with polymeric chemicals in underground coal mining • RIIMCU312 Conduct polymeric chemical operations in underground coal mining • RIIMCU313 Mix and pump polymeric chemicals in underground coal mining • RIIMCU314 Transport and store polymeric chemicals in underground coal mining • RIIMCU409 Apply and monitor polymeric chemical management plans <p>15 units of competency updated to</p>

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>align content with industry skills needs and standards:</p> <ul style="list-style-type: none"> • RIIBLA602E Establish and maintain explosives safety and security management systems • RIIMEX201E Suppress dust in open-cut environments • RIIMEX402E Supervise dredging operations • RIIMEX503E Manage dredging operations • RIISRM301E Blend stockpile materials • RIISRM302E Conduct stockpile reclaiming operations • RIISRM303E Move and position materials to form stockpiles • RIISRM304E Maintain stockpiles • RIISRM501E Implement stockpile management plans • RIISRM502E Design stockpile formations and reclaiming systems • RIISRM601E Establish and maintain stockpile management systems • RIIRAI508E Implement mine services systems • RIIWBP201E Treat and dispose of rejects and tailings • RIIWBP202E Distribute tailings • RIIWBP203E Monitor tailings dam environments <p>Minor changes directed by the AISC</p> <p>The following RII components have been deleted as directed by</p>

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>the AISC. The training products below were identified as having zero enrolments over the last three years.</p> <p>Qualifications</p> <p>Six qualifications were deleted from the <i>RII Resources and Infrastructure Industry Training Package</i> Version 6.0:</p> <ul style="list-style-type: none"> • RII21015 Certificate II in Drilling Oil/Gas (Offshore) (Release 3) • RII30615 Certificate III in Small Mining Operations (Release 4) • RII31915 Certificate III in Drilling Oil & Gas (Off shore) (Release 5) • RII41015 Certificate IV in Drilling Oil & Gas (Off shore) (Release 3) • RII50215 Diploma of Underground Metalliferous Mining Management (Release 2) • RII50715 Diploma of Drilling Oil & Gas (Off shore) (Release 2) <p>Units of competency</p> <p>77 units of competency were deleted from the <i>RII Resources and Infrastructure Industry Training Package</i> Version 6.0:</p> <ul style="list-style-type: none"> • RIIBEF603D Manage the decision making process (Release 1) • RIIBEF605D Resource site plans and objectives (Release 2) • RIIBLA306D Conduct

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				accretion firing (Release 2) <ul style="list-style-type: none"> • RIICAR401D Supervise rehabilitation operations (Release 2) • RIIEGS306D Prepare drill site (Release 3) • RIIENV202E Suppress airborne contaminants (Release 1) • RIIHAN202D Handle and store cargo (Release 3) • RIIHAN207D Operate personnel and materials hoists (Release 3) • RIIHAN402D Process movement of containers and cargo (Release 3) • RIIMCO202E Conduct mobile conveyor operations (Release 1) • RIIMCO301D Conduct control centre operations (Release 2) • RIIMCO303E Conduct auger miner operations (Release 1) • RIIMEX202D Install open-cut mine ground support (Release 3) • RIIMEX605D Establish, implement and maintain operational management plans (Release 2) • RIIMPG201D Connect and disconnect reefer refrigeration units (Release 3) • RIIMPO314E Operate small open cut mine equipment (Release 1) • RIIMPO330E Conduct bucket-wheel operations (Release 1) • RIIMPO503D Manage laser

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				levelling of operating plant (Release 3) <ul style="list-style-type: none"> • RIIMSM301D Establish a mining claim (Release 2) • RIIMSM302D Plan small mine operations (Release 2) • RIIMSM303D Install underground shaft (Release 2) • RIIMSM305D Conduct materials extraction operations underground (Release 2) • RIIMSM306D Design, develop and maintain pillar system and ground control (Release 2) • RIIMSM307E Install and maintain ventilation systems and equipment (Release 1) • RIINHB209E Assist guided boring (Release 1) • RIINHB213D Assist cable tool drilling (Release 2) • RIINHB216E Assist underground in-seam directional drilling (Release 1) • RIINHB313D Conduct cable tool drilling (Release 2) • RIINHB319D Install de-watering conduit and gas drainage equipment (Release 2) • RIIOGD201E Assist in maintaining rig safety and emergency procedures (Release 1) • RIIOGD406D Shut down rig (Release 3) • RIIOGF202D Assist in the transfer of passengers and freight during helicopter operations (Release 2) • RIIOGF203D Contribute to the control of offshore emergencies

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				(Release 2) <ul style="list-style-type: none"> • RIIOGF301E Monitor, operate and maintain mud pits and equipment (Release 1) • RIIPBE205D Conduct roasting operations (Release 2) • RIIPBE307D Conduct pressure oxidation (Release 2) • RIIPBP202D Conduct air cleaning activities (Release 2) • RIIPBP301D Process lime products (Release 2) • RIIPBP302D Control operations in acid plant (Release 2) • RIIPEO207E Carry out conveyor system shift (Release 1) • RIIPEO208E Extend, retract and maintain conveyor componentry (Release 1) • RIIPGP204D Carry out bore-field operations (Release 2) • RIIPGP205D Handle, store and use cyanide (Release 2) • RIIPHA303D Operate agglomeration circuit (Release 2) • RIIPRE201D Conduct solvent extraction (Release 2) • RIIPRE202D Prepare and carry out electrolytic cleaning process (Release 2) • RIIPRE203D Prepare for sintering activities (Release 2) • RIIPRE204D Sinter materials (Release 2) • RIIPRE304D Monitor casting quality (Release 2) • RIIPRO601D Design

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>processing plant (Release 2)</p> <ul style="list-style-type: none"> • RIIPSM201D Tap furnaces (Release 2) • RIIPSM202D Prepare for pelletising activities (Release 2) • RIIPSM203D Produce pellets (Release 2) • RIIPSM301D Cast a blast furnace (Release 2) • RIIPSM303D Operate a blast furnace (Release 3) • RIIPSM305D Operate converters (Release 2) • RIIPSM306D Supply molten metal and additives to furnaces (Release 2) • RIIPSM307D Control molten metal in holding furnace/vessel (Release 2) • RIIPSM308D Monitor and maintain furnace gas efficiency (Release 2) • RIIPSM309D Monitor and maintain flue gas efficiency (Release 2) • RIIRAI606D Establish and maintain mine closure management systems (Release 2) • RIISAM302D Service and handover plant and machines (Release 2) • RIISAM310D Install and commission plant, machinery and services (Release 2) • RIISAM311D Maintain winder equipment (Release 2) • RIISAM312D Inspect and maintain shafts and structures (Release 2)

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIISAM313D Monitor, inspect and service ropes and attachments (Release 2) • RIISAM402D Supervise operation of electrical equipment and installations (Release 2) • RIISAM602E Establish and maintain maintenance management system for mechanical plant and equipment (Release 1) • RIIUMM301D Conduct wet filling activities (Release 2) • RIIUMM302D Install sets (Release 2) • RIIUND304D Recover equipment (Release 2) • RIIUND306D Conduct line of sight remote operations (Release 2) • RIIUND308D Conduct control room operations (Release 2) • RIIVEH301D Conduct rail haulage operations (Release 2) • RIIWBP601D Establish and maintain waste and by-product management system (Release 2) • RIIWHS602E Incorporate health and hygiene factors into mine management (Release 1) • RIIWMG402D Monitor and coordinate waste and process water treatment (Release 3) <p>Minor updates were made to the following qualifications and skill sets which contained at least one of the units of competency listed above:</p>

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Version number	Status	Release date	Approval process	Comments
				<p>Qualifications</p> <p>Minor updates were made to 11 qualifications from the <i>RII Resources and Infrastructure Industry Training Package</i> Version 6.0. These qualifications contained at least one of the units of competency listed above and may have additional minor changes, such as the correction of typographical errors:</p> <ul style="list-style-type: none"> • RII20920 Certificate II in Drilling Operations (Release 2) • RII30220 Certificate III in Underground Coal Operations (Release 2) • RII30520 Certificate III in Mining Exploration (Release 2) • RII30820 Certificate III in Civil Construction Plant Operations (Release 2) • RII31820 Certificate III in Drilling Operations (Release 2) • RII40420 Certificate IV in Underground Coal Operations (Release 2) • RII41120 Certificate IV in Drilling Oil & Gas (Onshore) (Release 2) • RII41319 Certificate IV in Emergency Response Coordination (Release 3) • RII50315 Diploma of Minerals Processing (Release 4) • RII60320 Advanced Diploma of Underground Coal Mining Management (Release 2) • RII60720 Advanced Diploma of Surface Coal Mining Management (Release 2)

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>Skill sets</p> <p>Minor updates were made to 1 skill set from the <i>RII Resources and Infrastructure Industry Training Package</i> Version 6.0, which contained at least one of the units of competency listed above:</p> <ul style="list-style-type: none"> RIISS00038 Oil and Gas (Off Shore) Rouseabout Skill Set (Release 3) <p>Minor changes as an SSO upgrade</p> <p>This Training Package release includes additional minor changes including the correction of typographical errors to a number of training products as noted below. These changes are not subject to AISC endorsement.</p> <p>Qualifications</p> <ul style="list-style-type: none"> RII10115 Certificate I in Resources and Infrastructure Operations RII20120 Certificate II in Resources and Infrastructure Work Preparation RII20620 Certificate II in Mining/Field Exploration RII20819 Certificate II in Bituminous Surfacing RII30719 Certificate III in Emergency Response and Rescue RII30820 Certificate III in Civil Construction Plant Operations RII30920 Certificate III in Civil Construction RII31220 Certificate III in

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>Civil Foundations</p> <ul style="list-style-type: none"> • RII31619 Certificate III in Trenchless Technology • RII32220 Certificate III in Well Servicing Operations • RII40720 Certificate IV in Civil Construction • RII40820 Certificate IV in Civil Construction Design • RII40920 Certificate IV in Drilling Operations • RII41220 Certificate IV in Well Servicing Operations • RII41319 Certificate IV in Emergency Response Coordination • RII50420 Diploma of Civil Construction Management • RII50520 Diploma of Civil Construction Design • RII50620 Diploma of Drilling Operations • RII50820 Diploma of Drilling Oil & Gas (Onshore) • RII50920 Diploma of Underground Coal Mining Management • RII51020 Diploma of Well Servicing Operations • RII60415 Advanced Diploma of Drilling Management • RII60520 Advanced Diploma of Civil Construction Design • RII60620 Advanced Diploma of Civil Construction <p>Units of competency</p> <ul style="list-style-type: none"> • RIICCM203D Read and interpret plans and job specifications • RIICCM205F Carry out

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Version number	Status	Release date	Approval process	Comments
				<p>manual excavation</p> <p>Skill sets</p> <ul style="list-style-type: none"> • RIISS00018 Concrete Paving - Automated Paving Guidance System (APGS) Technician Skill Set • RIISS00022 Concrete Paving - Joint Sealer Skill Set • RIISS00029 Leading Hand - Coal Mining Skill Set • RIISS00031 Mine Surveying Skill Set • RIISS00032 Site Health and Safety Coordinator Skill Set • RIISS00033 Underground Coal Mine Safety Skill Set • RIISS00034 Surface Coal Mine Safety Skill Set • RIISS00042 Work Zone Traffic Control - Road Labourer Skill Set • RIISS00043 Work Zone Traffic Control - Supervisor Skill Set • RIISS00047 Stabiliser support staff Skill Set • RIISS00048 Operator of Stabiliser Skill Set • RIISS00049 Operator of Spreader Skill Set • RIISS00050 Operator of stabiliser (using foam bitumen) Skill Set • RIISS00055 Traffic Management Implementer Skill Set • RIISS00057 Construction Materials Testing Skill Set.
6.0	Superseded	February	AISC process	This Training Package release includes updates to a number of

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
		2021		<p>qualifications, units of competency and skill sets as noted below.</p> <p>Qualifications</p> <p>10 revised equivalent qualifications:</p> <ul style="list-style-type: none"> • RII20720 Certificate II in Civil Construction • RII30820 Certificate III in Civil Construction Plant Operations • RII30920 Certificate III in Civil Construction • RII31220 Certificate III in Civil Foundations • RII40720 Certificate IV in Civil Construction • RII40820 Certificate IV in Civil Construction Design • RII50420 Diploma of Civil Construction Management • RII50520 Diploma of Civil Construction Design • RII60520 Advanced Diploma of Civil Construction Design • RII60620 Advanced Diploma of Civil Construction <p>Units of competency</p> <p>8 newly created units of competency:</p> <ul style="list-style-type: none"> • RIICFW308 Conduct screw piling operations • RIICTC306 Conduct tunnel boring machine operations • RIICTC402 Supervise tunnel boring machine operations • RIICWD538 Prepare traffic management plans and traffic guidance schemes for high volume roads

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIICWD539 Prepare traffic management plans and traffic guidance schemes for motorways and freeways • RIIWHS207 Control traffic on high volume roads • RIIWHS304 Implement traffic management plans on high volume roads • RIIWHS305 Implement traffic management plans on motorways and freeways <p>159 equivalent units of competency updated to align content with industry skills needs and standards:</p> <ul style="list-style-type: none"> • RIICBM201E Strip pile heads • RIICBM301E Maintain concrete bridges • RIICBM303E Install pre-cast parapets • RIICBM304E Operate bridge inspection units • RIICBM306E Undertake concreting work on concrete bridges • RIICBM307E Construct formwork and false work on concrete bridges • RIICCM203E Read and interpret plans and job specifications • RIICCM204E Place and fix reinforcement materials • RIICCM205F Carry out manual excavation • RIICCM206E Support plant operations • RIICCM207E Spread and compact materials manually

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				<ul style="list-style-type: none"> • RIICCM208E Carry out basic levelling • RIICCM209E Carry out concrete work • RIICCM210E Install trench support • RIICCM211E Construct and dismantle fences and gates • RIICFW301E Construct underpinning • RIICFW302E Install temporary and permanent rock anchors • RIICFW303E Install primary ground supports • RIICFW304E Conduct pile driving operations • RIICFW305E Conduct cast in-situ pilings operations • RIICFW306E Direct pile driving operations • RIICFW307E Direct cast in-situ piling operations • RIICPL301E Install water mains pipelines • RIICPL302E Install stormwater systems • RIICPL303E Install sewer pipelines • RIICPL304E Install pre-cast gully pits • RIICPL305E Install pre-cast access chambers • RIICPL401E Supervise the installation of underground service using open excavation • RIICRC201E Repair potholes • RIICRC202E Install signs • RIICRC203E Install sub-soil drainage • RIICRC204E Install and

RII Training Package Modification History				
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				maintain roadside fixtures <ul style="list-style-type: none"> • RIICRC205E Install utility poles • RIICRC206E Install pre-cast concrete crash barriers • RIICRC207E Install noise barriers • RIICRC208E Lay pipes • RIICRC209E Lay reinforced concrete box culverts • RIICRC301E Maintain drainage systems • RIICRC302E Place and form concrete kerb, channel and fixtures • RIICRC303E Lay pavers • RIICRC304E Maintain sealed roads • RIICRC305E Conduct road construction paver screeding operations • RIICRC306E Conduct earthworks • RIICRC307E Conduct road pavement construction • RIICRC308E Conduct paver operations • RIICRC309E Conduct stabiliser operations • RIICRC310E Construct and maintain roads • RIICRC311E Conduct concrete road paver operations • RIICRC312E Setup and maintain concrete paver stringlines • RIICRC313E Conduct concrete road curing and texturing operations • RIICRC314E Handle concrete

RII Training Package Modification History				
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				<p>materials</p> <ul style="list-style-type: none"> • RIICRC315E Use concreting materials and equipment • RIICRC316E Place and compact concrete • RIICRC317E Finish concrete pavements • RIICRC318E Cure concrete • RIICRC319E Saw and cut concrete pavements to initiate planned cracks • RIICRC320E Seal concrete pavements • RIICRC321E Use automated paving guidance systems • RIICRC322E Receive, check and record concrete deliveries • RIICRC323E Insert tie bars in fresh concrete • RIICRC401E Supervise flexible pavement construction • RIICRC402E Supervise rigid pavement construction • RIICRC403E Supervise the stabilisation of materials • RIICRC404E Inspect and report on pavement conditions • RIICRC405E Carry out pavement condition measurement • RIICRC406E Supervise pavement maintenance • RIICRM201F Escort mobile works • RIICRM202E Handle and store road marking materials • RIICRM203E Conduct pedestrian road marking operations • RIICRM204E Prepare surfaces

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				<p>for road marking</p> <ul style="list-style-type: none"> • RIICRM205E Conduct road marking measuring operations • RIICRM206E Conduct airless and atomised spraying operations • RIICRM207E Install raised pavement markers • RIICRM301E Conduct ride on road marking operations • RIICRM302E Conduct long line road marking operations • RIICRM303E Conduct thermo plastic road marking operations • RIICSG401E Supervise civil concrete structures construction • RIICSG402E Supervise civil steel structures construction • RIICSG403E Supervise civil timber structure construction • RIICSG404E Supervise civil masonry, crib and gabion structure construction • RIICSG405E Carry out inspections of civil structures • RIICSG406E Supervise maintenance of civil structures • RIICTB201E Maintain timber bridges • RIICTB202E Apply bridge durability treatments • RIICTB203E Produce bridge drawings and sketches • RIICTB301E Undertake visual inspections • RIICTB302E Install temporary support members • RIICTB303E Erect temporary modular support systems (baileys) on existing bridges

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				<ul style="list-style-type: none"> • RIICTB304E Install or replace sub-structure members • RIICTB305E Install or replace super-structure members • RIICTB306E Splice and connect timber members • RIICTB307E Assemble and disassemble temporary modular bridges • RIICTB308E Install or replace truss members • RIICTB309E Construct, maintain and remove coffer dams • RIICTB310E Construct specialised timber deck systems • RIICTC301E Install tunnelling constructions services • RIICTC302E Line tunnels • RIICTC303E Excavate tunnel by machine • RIICTC304E Muck out tunnel earthworks • RIICTC305E Construct portals • RIICTC401E Supervise tunnel construction • RIICTT401E Supervise the installation of underground services using trenchless technology • RIICTT402E Supervise repair and rehabilitation of underground services using trenchless technology • RIICWD501 Prepare detailed design of foundations • RIICWD502E Prepare detailed design of lighting • RIICWD504E Prepare detailed design of environmental

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				<p>controls</p> <ul style="list-style-type: none"> • RIICWD505E Prepare detailed design of landscaping • RIICWD506E Prepare detailed design of canals • RIICWD508E Prepare detailed design of rural roads • RIICWD509E Prepare detailed design of urban roads • RIICWD510E Prepare detailed design of busways • RIICWD511E Prepare detailed design of sub-divisions • RIICWD512E Prepare detailed design of motorways and interchanges • RIICWD513E Prepare detailed design of rail civil infrastructure • RIICWD514E Prepare detailed design of dams • RIICWD515E Prepare detailed design of airfield civil works • RIICWD516E Prepare detailed design of bicycle ways • RIICWD517E Prepare detailed design of industrial hardstands • RIICWD518E Prepare detailed design of open car parks • RIICWD519E Prepare detailed design of intermodal facilities civil works • RIICWD520E Prepare detailed design of rigid pavements • RIICWD521E Prepare detailed design of flexible pavements • RIICWD522E Prepare stabilised material mix designs • RIICWD523E Prepare asphalt mix designs

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				<ul style="list-style-type: none"> • RIICWD524E Prepare design of spray seal surfacing • RIICWD525E Select pavement surfacing • RIICWD526E Prepare detailed traffic analysis • RIICWD527E Prepare detailed design of traffic signals • RIICWD528E Prepare detailed design of traffic management systems • RIICWD529E Prepare detailed design of underground services • RIICWD530E Prepare detailed design of surface drainage • RIICWD531E Prepare detailed design of subsurface drainage • RIICWD532E Prepare detailed design of tunnels • RIICWD533E Prepare detailed design of civil concrete structures • RIICWD534E Prepare detailed design of civil steel structures • RIICWD535E Prepare detailed design of civil timber structures • RIICWD536E Prepare detailed design of civil masonry, crib and gabion structures • RIICWD537E Prepare detailed design of marine structures civil works • RIICWD601E Manage civil works design processes • RIICWM401E Supervise civil works • RIICWM402E Supervise civil works contractors • RIICWM501E Implement civil construction plans • RIICWM502E Implement civil

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>works maintenance programs</p> <ul style="list-style-type: none"> • RIICWM503E Prepare civil works cost estimates • RIICWM504E Prepare civil works bill of quantities • RIICWM505E Prepare civil works schedule of rates • RIICWM601E Establish civil construction plans • RIICWM602E Establish civil works maintenance programs • RIIDML401E Supervise demolitions • RIIMEX403E Supervise canal construction • RIIRTM201E Position, set-up and operate variable message signs • RIIRTM202E Position, set-up and operate portable traffic signals • RIIRTM203E Work as a safety observer/spotter • RIIRTM301E Operate truck or trailer mounted attenuators • RIISTD201E Read and interpret maps • RIISTD202E Collect routine site samples • RIIUND310E Apply shotcrete underground • RIWMG203E Drain and dewater civil construction sites • RIWMG301E Control construction site water tables <p>Two non-equivalent units of competency updated to align content with industry skills needs and standards:</p> <ul style="list-style-type: none"> • RIICBM302E Install pre-cast

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>girders</p> <ul style="list-style-type: none"> RIICBM305E Install pre-cast concrete bridge decks <p>Non-endorsable creation of eight new skill sets:</p> <ul style="list-style-type: none"> RIISS00058 Traffic Controller Skill 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
5.0	Superseded	September 2020	AISC process	<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> <p>17 revised equivalent qualifications:</p>

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RII20120 Certificate II in Resources and Infrastructure Work Preparation • RII20620 Certificate II in Mining/Field Exploration • RII20920 Certificate II in Drilling Operations • RII30520 Certificate III in Mining Exploration • RII31820 Certificate III in Drilling Operations • RII32020 Certificate III in Drilling Oil & Gas (Onshore) • RII32220 Certificate III in Well Servicing Operations • RII40220 Certificate IV in Surface Coal Mining • RII40420 Certificate IV in Underground Coal Operations • RII40920 Certificate IV in Drilling Operations • RII41120 Certificate IV in Drilling Oil & Gas (Onshore) • RII41220 Certificate IV in Well Servicing Operations • RII50620 Diploma of Drilling Operations • 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 <p>4 revised non-equivalent qualifications:</p> <ul style="list-style-type: none"> • RII20320 Certificate II in

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>Underground Coal Mining</p> <ul style="list-style-type: none"> • RII21120 Certificate II in Oil & Gas Drilling (Onshore) and Well Servicing • RII30220 Certificate III in Underground Coal Operations • RII60720 Advanced Diploma of Surface Coal Mining Management <p>1 deleted qualification:</p> <ul style="list-style-type: none"> • RII21315 Certificate II in Cross Industry Operations <p>Units of competency</p> <p>12 newly created native units of competency:</p> <ul style="list-style-type: none"> • RIIMEX303 Conduct local geotechnical risk control in surface operations • RIIMEX407 Apply and monitor the ground management plan • RIIMEX504 Implement the ground control management plan • RIINHB220 Assist coil tube drilling • RIINHB221 Assist rotary air drilling • RIINHB222 Assist sonic drilling • RIINHB223 Prepare, run and cement casing • RIINHB326 Conduct coil tube drilling • RIINHB327 Conduct cyber chair operations • RIINHB328 Conduct rotary air drilling • RIINHB329 Conduct sonic

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				drilling <ul style="list-style-type: none"> RIISTD401 Monitor laboratory operations and the quality of results 27 deleted units of competency: <ul style="list-style-type: none"> RIIBEF603D Manage the decision making process RIIBEF605D Resource site plans and objectives RIIBHD304D Set up and prepare for open-cut drilling operations RIIBHD401D Supervise blast hole drilling operations RIIBHD501D Manage blast hole drilling operations RIIBLA306D Conduct accretion firing RIIBLA308D Conduct electronic blasting operations RIICCR501D Conduct sales in construction materials operations RIINHB404D Supervise seismic drilling operations RIINHB405E Supervise water well drilling operations RIINHB406D Supervise foundation drilling operations RIINHB407D Supervise horizontal directional drilling operations RIINHB408D Supervise environmental drilling operations RIINHB409D Supervise mineral production and development drilling operations RIINHB410D Supervise

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>surface directional drilling operations</p> <ul style="list-style-type: none"> • RIINHB413D Supervise underground in-seam directional drilling operations • RIISAM214D Provide support to electrical tradesperson • RIISAM302D Service and handover plant and machines • RIISAM305D Repair and splice conveyor belting • RIISAM310D Install and commission plant, machinery and services • RIISAM311D Maintain winder equipment • RIISAM312D Inspect and maintain shafts and structures • RIISAM313D Monitor, inspect and service ropes and attachments • RIISAM402D Supervise the operation of electrical equipment and installations • RIISAM602D Establish and maintain maintenance management system for mechanical plant and equipment • RIIVEH301D Conduct rail haulage operations • RIIWHS203D Maintain amenities <p>216 equivalent units of competency updated to align content with industry skills needs and standards:</p> <ul style="list-style-type: none"> • RIIBHD301E Conduct surface blast hole drilling operations • RIIBHD302E Conduct

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				underground development drilling <ul style="list-style-type: none"> • RIIBHD303E Conduct long hole drilling • RIIBHD303E Conduct long hole drilling • RIIBEF201E Plan and organise work • RIIBEF202E Identify and rectify site operating problems • RIIBEF302E Monitor site production activities • RIIBEF401E Manage non-routine and complex technical situations • RIIBEF601E Conduct business negotiations • RIIBEF602E Establish and evaluate operational performance management systems • RIIBEF604E Conduct a feasibility study • RIIBLA201E Support shotfiring operations • RIIBLA204E Store, handle and transport explosives in underground coal mines • RIIBLA205E Store, handle and transport explosives • RIIBLA301E Conduct surface shotfiring operations • RIIBLA302E Conduct shotfiring operations in underground coal mines • RIIBLA304E Conduct underground production shotfiring • RIIBLA305E Conduct secondary blasting • RIIBLA307E Conduct a blast

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				survey <ul style="list-style-type: none"> • RIIBLA401E Manage blasting operations • RIIBLA402E Monitor and control the effects of blasting on the environment • RIIBLA403 Design blasts • RIICCM201E Carry out measurements and calculations • RIICCR401E Develop and maintain positive community relations • RIICCR601E Manage customer relationships • RIICOM201E Communicate in the workplace • RIIEGS202E Conduct field work • RIIEGS301E Operate and maintain instruments and field equipment • RIIEGS303E Provide geological field assistance • RIIEGS304E Mobilise equipment and materials • RIIEGS305E Navigate in remote or trackless areas • RIIENV201E Identify and assess environmental and heritage concerns • RIIENV202E Suppress airborne contaminants • RIIENV301E Conduct atmospheric monitoring • RIIENV302E Apply environmentally sustainable work practices • RIIENV401E Supervise dust and noise control • RIIENV402E Implement and

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>monitor environmental policies</p> <ul style="list-style-type: none"> • RIIENV501E Implement and maintain environmental management plans • RIIENV502E Undertake process or project environmental impact assessments • RIIENV601E Establish and maintain the environmental management system • RIIERR402E Apply and monitor underground coal mine emergency preparedness and response systems • RIIERR501E Implement underground coal mine emergency preparedness and response systems • RIIERR602E Establish and maintain underground coal mine emergency preparedness and response systems • RIIFIA401E Manage financial records • RIIGOV201E Comply with site work processes/procedures • RIIGOV401E Apply, monitor and report on compliance systems • RIIGOV501E Identify, implement and maintain legal compliance requirements • RIIGOV601E Establish, maintain and develop a statutory compliance management system • RIIHAN203E Conduct lifting operations • RIIHAN208E Perform dogging • RIIHAN213E Work effectively

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>in the drilling industry</p> <ul style="list-style-type: none"> • RIIMG301E Maintain site records • RIILAT401E Provide leadership in the supervision of Indigenous employees • RIILAT402E Provide leadership in the supervision of diverse work teams • RIILAT601E Manage group processes • RIIMCO202E Conduct mobile conveyor operations • RIIMCO303E Conduct auger miner operations • RIIMCU208E Conduct basic strata control operations • RIIMCU209E Conduct roadway maintenance • RIIMCU213E Conduct feeder breaker operations • RIIMCU214E Conduct ventilation operations • RIIMCU217 Apply spontaneous combustion management measures • RIIMCU301E Conduct specialised strata control operations • RIIMCU302F Construct and maintain ventilation devices • RIIMCU303E Conduct continuous miner operations • RIIMCU304E Conduct shuttle car operations • RIIMCU305E Conduct outburst mining operations • RIIMCU306E Conduct shearer operations • RIIMCU307E Conduct longwall face equipment

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>operations</p> <ul style="list-style-type: none"> • RIIMCU308E Install and recover longwall equipment • RIIMCU309E Operate breaker line supports • RIIMCU310E Conduct flexible conveyor train (FCT) operations • RIIMCU311E Monitor control processes • RIIMCU401E Conduct special roadway operations • RIIMCU403E Apply and monitor the gas management plan • RIIMCU406E Apply and monitor the inrush management plan • RIIMCU407E Apply and monitor the strata management plan • RIIMCU408E Apply the spontaneous combustion management plan • RIIMCU501E Implement the spontaneous combustion management plan • RIIMCU502E Implement the gas management plan • RIIMCU505E Implement the inrush management plan • RIIMCU506E Implement the strata management plan • RIIMCU601E Establish and maintain spontaneous combustion management systems • RIIMCU602E Establish and maintain gas management systems • RIIMCU605E Establish and

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				maintain inrush management systems <ul style="list-style-type: none"> • RIIMCU606E Establish and maintain the mining method and strata management systems • RIIMEX404E Apply and monitor systems for stable mining • RIIMEX405E Apply and monitor systems and methods of surface coal mining • RIIMSM307E Install and maintain ventilation systems and equipment • RIINHB201E Load, secure and unload drilling equipment and materials • RIINHB202E Set up and pack up drill sites • RIINHB203E Support drilling processes • RIINHB205F Assist continuous flight auger drilling • RIINHB208E Assist diamond core drilling • RIINHB209E Assist guided boring • RIINHB210E Assist surface directional drilling • RIINHB211E Assist mud rotary drilling • RIINHB216E Assist underground in-seam directional drilling • RIINHB217E Assist horizontal direction drilling • RIINHB218E Assist grouting and cementing operations • RIINHB219E Assist with air drilling • RIINHB301E Set up and

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>prepare for drilling operations</p> <ul style="list-style-type: none"> • RIINHB304E Conduct air drilling operations • RIINHB311E Conduct mud rotary drilling operations • RIINHB322E Construct multiple aquifer production bores • RIINHB324E Carry out grouting or cementing operations • RIINHB325E Construct single aquifer bores • RIINHB401E Plan and supervise the mobilisation of equipment, crew and materials • RIINHB402E Supervise drilling operations • RIINHB411E Construct artesian (flowing) aquifer bores • RIINHB501F Plan drilling • RIIOGD201E Assist in maintaining rig safety and emergency procedures • RIIOGD202E Carry out equipment and basic rig maintenance procedures • RIIOGD203F Prepare and operate drilling fluid systems • RIIOGD204F Perform rig floor operations • RIIOGD205E Support blow out prevention operations • RIIOGD206E Assist and monitor well control operations • RIIOGD209F Operate and maintain ancillary equipment • RIIOGD302F Assist in running casing • RIIOGD303F Trip pipe

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIIOGD305E Apply blow out prevention operational procedures • RIIOGD401E Rig up, conduct pre-spud operations and rig down • RIIOGD402E Participate in nippling-up and pressure tests • RIIOGD403E Conduct drilling operations • RIIOGD404E Coordinate air drilling operations • BSBLED401 Carry out well control and blow out prevention operations • RIIOGD501F Manage rig operations • RIIOGD502E Plan and evaluate rig operations • RIIOGD503E Oversee drilling operations • RIIOGD504E Manage drilling operations • RIIOGD505E Manage drilling induction and orientation • RIIOGF301E Monitor, operate and maintain mud pits and equipment • RIIOGF302E Operate drilling fluids and mud pits • RIIOGN201F Carry out rig lease operations • RIIOGN302F Operate mud pumps • RIIOGN303E Operate, monitor and maintain mud systems • RIIPEO201E Conduct conveyor operations • RIIPEO202E Provide deck support for conveyor-car high wall mining operations

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIPEO207E Carry out conveyor system shift • RIPEO208E Extend, retract and maintain conveyor componentry • RIPEO301E Conduct conveyor-car high wall mining operations • RIPEO302E Operate and monitor ore car dumpers • RIIPRM501E Implement, monitor, rectify and report on contracts • RIQUA201E Maintain and monitor site quality standards • RIQUA401E Apply a quality management system on site • RIQUA501E Implement, monitor and develop quality management plans • RIQUA601E Establish and maintain a quality system • RIIRAI603E Establish and maintain mine transport systems and production equipment • RIIRAI604E Establish and maintain mine services and infrastructure systems • RIIRIS201E Conduct local risk control • RIIRIS202E Respond to site based spills • RIIRIS403E Manage and coordinate spill response • RIIRIS501E Implement and maintain management systems to control risk • RIIRIS601E Establish and maintain risk management systems

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIISAM201E Handle resources and infrastructure materials and safely dispose of nontoxic materials • RIISAM202E Isolate and access plant • RIISAM203E Use hand and power tools • RIISAM204E Operate small plant and equipment • RIISAM205E Cut, weld and bend materials • RIISAM207E Apply operational maintenance skills • RIISAM208E Perform plant operational maintenance • RIISAM209E Carry out operational maintenance • RIISAM212E Service mine plant and equipment • RIISAM213E Position and set up mobile lighting • RIISAM215E Carry out drilling industry operational maintenance • RIISAM301F Test operational functions of vehicles and equipment • RIISAM303E Shutdown dredge for operator maintenance • RIISAM304E Install, commission and maintain major conveyor equipment and systems • RIISAM306E Service and maintain conveyors, feeders and hoppers • RIISAM307E Service and maintain crushers • RIISAM308E Service and

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				maintain screens <ul style="list-style-type: none"> • RIISAM309E Service and maintain pumps • RIISAM401E Apply site plant, equipment and infrastructure maintenance management plans • RIISAM403E Commission/recommission plant • RIISAM404 Monitor oil and gas equipment maintenance • RIISAM501E Implement and maintain the site plant, equipment and infrastructure maintenance plans • RIISAM502E Manage general drilling equipment maintenance • RIISAM601E Establish and maintain plant, equipment and infrastructure maintenance systems • RIISTD302E Process data and maintain accurate records • RIIUND202E Operate from elevated work platform underground • RIIUND205E Respond to a workforce incident • RIIUND207E Conduct underground lifting operations • RIIUND208E Conduct skip operations • RIIUND209E Operate automated winder • RIIUND301E Operate manual winder • RIIUND302E Conduct cage operations • RIIUND303E Operate winder for shaft sinking

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIIUND401E Apply and monitor the ventilation management plan • RIIUND501E Implement the ventilation management plan • RIIUND601E Establish and maintain ventilation management systems • RIIVEH201E Operate a light vehicle • RIIVEH202F Operate a medium vehicle • RIIVEH203E Operate a light vehicle underground • RIIVEH302E Operate multi-combination vehicle • RIIVEH303F Drive heavy combination vehicle • RIIVEH304E Conduct tip truck operations • RIIVEH305F Operate and maintain a four wheel drive vehicle • RIIVEH306E Operate mine service vehicle • RIIVEH307F Operate heavy rigid vehicle • RIIWHS201E Work safely and follow WHS policies and procedures • RIIWHS202E Enter and work in confined spaces • RIIWHS204E Work safely at heights • RIIWHS401E Supervise work in confined spaces • RIIWHS402E Examine and maintain mine safety • RIIWHS404E Implement and monitor health and hygiene management systems

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> RIIWHS601E Establish and maintain the WHS management system RIIWHS602E Incorporate health and hygiene factors into mine management RIIWSV203E Prepare equipment for well servicing air operations RIIWSV301F Conduct and maintain well servicing derrick operations RIIWSV302E Trip production string for well servicing operations RIIWSV303E Operate fluid systems RIIWSV304E Prepare well servicing fishing operations RIIWSV401E Rig up and rig down for well servicing operations RIIWSV403E Participate in well servicing nipping-up and pressure test RIIWSV502E Manage well completion and rig release RIIWSV503E Manage and monitor rig-up operations <p>Skill sets</p> <p>1 newly created skill set:</p> <ul style="list-style-type: none"> RIISS00057 Construction Materials Testing Skill Set
4.2	Superseded	May 2020	Minor change	Editorial and mapping information corrections.
4.1	Superseded	February 2020	Minor change	Editorial and mapping information corrections.
4.0	Superseded	31 January	AISC process	Version control and modification

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
		2020		<p>history table</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> <p>Four revised equivalent qualifications:</p> <ul style="list-style-type: none"> • RII20819 (previously RII20815) Certificate II in Bituminous Surfacing: <ul style="list-style-type: none"> • Split between core and elective units amended and non-relevant units removed from qualification • RII30715 (previously RII30715) Certificate III in Emergency Response and Rescue: <ul style="list-style-type: none"> • Split between core and elective units amended and non-relevant units removed from qualification • Native and imported core and elective units updated to current equivalent versions • RII30910 (previously RII30915) Certificate III in Civil Construction: <ul style="list-style-type: none"> • Elective split and packaging rules of Stream 1 in Bituminous Surfacing amended to reflect industry specialisation needs • Native and imported core and elective units updated to current equivalent

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>versions</p> <ul style="list-style-type: none"> • RII31619 (previously RII31615) Certificate III in Trenchless Technology: <ul style="list-style-type: none"> • Split between core and elective units amended and non-relevant units removed from qualification • Native and imported core and elective units updated to current equivalent versions. • One new qualification: • RII41319 Certificate IV in Emergency Response Coordination. <p>Units of competency</p> <p>Nine new native units of competency:</p> <ul style="list-style-type: none"> • RIICCM302 Track directional boring operations • RIICCM303 Conduct vacuum excavations • RIICWD538 Prepare traffic management plans and traffic guidance schemes for multilane roads and signalised intersections • RIICWD539 Prepare traffic management plans and traffic guidance schemes for motorways and freeways • RIIWHS206 Control traffic on multilane roads and signalised intersections • RIIWHS207 Control traffic with portable traffic control devices and temporary traffic signs

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIIWHS303 Implement traffic management plans on multilane roads and signalised intersections • RIIWHS304 Implement traffic management plans on motorways and freeways • RIIWHS305 Position, set up and program portable traffic control devices <p>62 equivalent units of competency updated to align content with industry skills needs and standards, including units from the following sector codes:</p> <ul style="list-style-type: none"> • RIICBS202E (previously RIICBS202D) Hand spread asphalt • RIICBS203E (previously RIICBS203D) Safely handle bituminous materials • RIICBS207E (previously RIICBS207D) Take samples of road surfacing materials • RIICBS301E (previously RIICBS301D) Conduct profile planer operations • RIICBS302E (previously RIICBS302D) Conduct paver screeding operations • RIICBS303E (previously RIICBS303D) Conduct materials transfer vehicle operations • RIICBS304E (previously RIICBS304D) Compact asphalt with rollers • RIICBS305E (previously RIICBS305D) Conduct asphalt paver operations • RIICBS306E (previously

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				RIICBS306D) Conduct micro surfacing operations <ul style="list-style-type: none"> • RIICBS307E (previously RIICBS307D) Conduct bitumen sprayer operations • RIICBS308E (previously RIICBS308D) Load aggregate using a purpose built loader • RIICBS309E (previously RIICBS309D) Conduct self-propelled aggregate spreader operations • RIICBS310E (previously RIICBS310D) Conduct patching operations • RIICBS311E (previously RIICBS311D) Produce asphalt products • RIICBS312E (previously RIICBS312D) Conduct bitumen tanker operations • RIICBS313 (previously RIICBS201D) Conduct tack coat spraying operations • RIICBS314 (previously RIICBS204D) Conduct aggregate spreader in sprayed sealing operations • RIICBS315 (previously RIICBS205D) Roll aggregate in sprayed sealing operations • RIICBS316 (previously RIICBS206D) Conduct pavement sweeping operations • RIICBS317 (previously RIICBS208D) Conduct road maintenance operations • RIICBS401E (previously RIICBS401D) Supervise asphalt paving and compaction operations

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIICBS402E (previously RIICBS402D) Supervise the application of bituminous sprayed treatments • RIICBS403E (previously RIICBS403D) Supervise the application of polymer modified binders • RIICBS404E (previously RIICBS404D) Supervise the selection and use of bituminous emulsions • RIICBS405E (previously RIICBS405D) Supervise micro surfacing operations • RIICBS406E (previously RIICBS406D) Supervise pavement profiling operations using a profiler • RIICBS407E (previously RIICBS407D) Supervise the manufacture and delivery of hot mix asphalt • RIICBS408E (previously RIICBS408D) Supervise the manufacture of cold mixes • RIICBS409E (previously RIICBS409D) Supervise the manufacture of polymer modified binders • RIICBS410E (previously RIICBS410D) Supervise the manufacture of bituminous emulsions • RIICBS411E (previously RIICBS411D) Supervise the manufacture of micro surfacing mixes • RIICCM202E (previously RIICCM202D) Identify, locate and protect underground services

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIICOM301E (previously RIICOM301D) Communicate information • RIICTT301E (previously RIICCT301D) Conduct fluid assisted directional boring • RIICTT302E (previously RIICTT302D) Conduct impact moling, ramming and augering operations • RIICTT303E (previously RIICTT303D) Control micro tunnelling and pipe-jacking operations • RIICTT304E (previously RIICTT304D) Undertake on-line replacement for existing pipeline systems • RIICTT305E (previously RIICTT305D) Undertake localised repair and sealing of existing pipeline systems • RIICTT306E (previously RIICTT306D) Install cure in-place linings for existing pipeline systems • RIICTT307E (previously RIICTT307D) Spray linings for existing pipeline systems • RIICTT308E (previously RIICTT308D) Install close-fit linings for existing pipeline systems • RIICTT309E (previously RIICTT309D) Install slip lining in existing pipeline systems • RIICTT310E (previously RIICTT310D) Renovate large diameter pipes and chambers • RIICWD503E (previously RIICWD503D) Prepare traffic

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<p>management plans and traffic guidance schemes</p> <ul style="list-style-type: none"> • RIIERR203E (previously RIIERR203D) Escape from hazardous situations unaided • RIIERR301E (previously RIIERR301D) Respond to work site incidents • RIIERR303E (previously RIIERR303D) Operate in self-contained regenerative oxygen breathing apparatus • RIIERR305E (previously RIIERR305D) Control underground fires • RIIERR306E (previously RIIERR306D) Conduct underground searches) • RIIERR307E (previously RIIERR307D) Extricate casualties from underground incidents • RIIERR308E (previously RIIERR308D) Extricate and transport people involved in incidents • RIIERR401E (previously RIIERR401D) Apply and monitor emergency preparedness and response systems in surface operations • RIIERR403E (previously RIIERR403D) Lead rescue teams • RIIERR405 (previously RIIERR304D) Control emergencies and critical situations • RIIERR406 (previously RIIERR310D) Provide support for rescue operations

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				<ul style="list-style-type: none"> • RIIERR504E (previously RIIERR504D) Manage major incidents and emergencies • RIIERR601E (previously RIIERR601D) Establish and maintain mine emergency preparedness and response systems • RIIRIS301E (previously RIIRIS301D) Apply risk management processes • RIIRIS401E (previously RIIRIS401D) Apply site risk management system • RIIRIS402E (previously RIIRIS402D) Carry out the risk management process • RIIWHS205E (previously RIIWHS301D) Conduct safety and health investigations • RIIWHS301E (previously RIIWHS301D) Conduct safety and health investigations • RIIWHS302E (previously RIIWHS302D) Implement traffic management plans • RIIWHS403E (previously RIIWHS403D) Apply the work health and safety management system. <p>Skill sets</p> <p>Eight new skill sets:</p> <ul style="list-style-type: none"> • RIISS00046 Traffic Controller Skill Set (Category 1) • RIISS00047 Traffic Controller Skill Set (Category 2) • RIISS00048 Traffic Management Implementer Skill Set (Category 1) • RIISS00049 Traffic

RII Training Package Modification History				
Version number	Status	Release date	Approval process	Comments
				Management Implementer Skill Set (Category 2) <ul style="list-style-type: none"> • RIISS00050 Traffic Management Implementer Skill Set (Category 3) • RIISS00051 Traffic management Designer Skill Set (Category 1) • RIISS00052 Traffic Management Designer Skill Set (Category 2) • RISSS00043 Traffic Management Designer Skill Set (Category 3).
3.0	Superseded	11 December 2018	AISC process	-
2.0	Superseded	14 December 2015	AISC process	-
1.4	Superseded	7 December 2014	ISC upgrade	-
1.3	Superseded	4 April 2014	ISC upgrade	-
1.2	Superseded	26 March 2014	ISC upgrade	-
1.1	Superseded	29 January 2014	ISC upgrade	-
1.0	Superseded	14 November 2013	NSSC process	-

Credit Arrangements

Credit Arrangements for RII Resources and Infrastructure Industry Training Package V7.1

At the time of endorsement of this Training Package no national credit arrangements exist.

Links	Companion Volume Implementation Guide: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272
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Links

Companion Volume Implementation Guides are available from VETNet -

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