

Summary of Units of Competency for RII06

RII Units of Competency for Certificate I, Certificate IV, Diploma and Advanced Diploma Qualifications

Code	Title
RIIG001A	Work safely and follow OH&S policies and procedures
RIIG002A	Communicate in the workplace
RIIG003A	Contribute to quality work outcomes
RIIG004A	Conduct local risk control
RIIG005A	Read and interpret maps
RIIG006A	Collect and prepare samples
RIIG2001A	Plan and organise work
RIIG2002A	Carry out measurements and calculations
RIIG2003A	Use hand and power tools
RIIG2004A	Operate small plant and equipment
RIIG2005A	Operate light vehicles
RIIG2006A	Handle resources and infrastructure materials and safely dispose of non toxic materials
RIIG2007A	Read and interpret plans and specifications
RIICC401A	Supervise civil works
RIICC402A	Supervise civil works contractors
RIICC403A	Apply the principles of earthworks construction
RIICC404A	Apply the principles of flexible pavement construction
RIICC405A	Apply the principles of rigid pavement construction
RIICC406A	Apply the principles of the stabilisation of materials
RIICC407A	Apply the principles for asphalt paving and compaction
RIICC408A	Apply the principles for the application of bituminous sprayed treatments
RIICC409A	Apply the principles for the selection and use of polymer modified binder
RIICC410A	Apply the principles for the selection and use of bituminous emulsion
RIICC411A	Apply the principles for the application of slurry surfacing
RIICC412A	Apply the principles of pavement profiling using a profiler
RIICC413A	Apply the principles for the manufacture and delivery of hot mix asphalt
RIICC414A	Apply the principles for the manufacture of cold mix
RIICC415A	Apply the principles for the manufacture of polymer modified binder
RIICC416A	Apply the principles for the manufacture of bituminous emulsion
RIICC417A	Apply the principles of the manufacture of slurry surfacing
RIICC418A	Inspect and report on pavement condition
RIICC419A	Carry out pavement condition measurement
RIICC420A	Apply the principles of pavement maintenance

Code	Title
RIICC421A	Apply the principles for the installation of underground service using open excavation
RIICC422A	Apply the principles for the installation of underground service using trenchless technology
RIICC423A	Apply the principles for the repair and rehabilitation of underground service using trenchless technology
RIICC424A	Apply the principles of tunnel construction
RIICC425A	Apply the principles of civil concrete structures construction
RIICC426A	Apply the principles of civil steel structures construction
RIICC427A	Apply the principles of civil timber structures construction
RIICC428A	Apply the principles of civil masonry, crib and gabion structure construction
RIICC429A	Carry out inspections of civil structures
RIICC430A	Apply principles of maintenance of civil structures
RIICC431A	Apply the principles of canal construction
RIICC432A	Apply the principles of demolitions
RIICC501A	Implement civil construction plans
RIICC502A	Implement civil works maintenance programs
RIICC503A	Prepare work zone traffic management plans
RIICC504A	Prepare civil works bills of quantities
RIICC505A	Prepare civil works schedule of rates
RIICC506A	Prepare civil works cost estimates
RIICC507A	Prepare detailed geotechnical design
RIICC508A	Prepare detailed design of rural roads
RIICC509A	Prepare detailed design of urban roads
RIICC510A	Prepare detailed design of busways
RIICC511A	Prepare detailed design of sub-divisions
RIICC512A	Prepare detailed design of motorways and interchanges
RIICC513A	Prepare detailed design of rail civil infrastructure
RIICC514A	Prepare detailed design of dams
RIICC515A	Prepare detailed design of airfield civil works
RIICC516A	Prepare detailed design of bicycle ways
RIICC517A	Prepare detailed design of industrial hardstands
RIICC518A	Prepare detailed design of open car parks
RIICC519A	Prepare detailed design of intermodal facilities civil works
RIICC520A	Prepare detailed design of rigid pavement
RIICC521A	Prepare detailed design of flexible pavement
RIICC522A	Prepare stabilised materials mix design
RIICC523A	Prepare asphalt mix design
RIICC524A	Prepare design of sprayed seal surfacing

Code	Title
RIICC525A	Select pavement surfacing
RIICC526A	Prepare detailed traffic analysis
RIICC527A	Prepare detailed design of traffic signals
RIICC528A	Prepare detailed design of traffic management systems
RIICC529A	Prepare detailed design of underground services
RIICC530A	Prepare detailed design of surface drainage
RIICC531A	Prepare detailed design of subsurface drainage
RIICC532A	Prepare detailed design of tunnels
RIICC533A	Prepare detailed design of civil concrete structures
RIICC534A	Prepare detailed design of civil steel structures
RIICC535A	Prepare detailed design of civil timber structures
RIICC536A	Prepare the detailed design of civil masonry, crib and gabion structures
RIICC537A	Prepare detailed design of marine structures civil works
RIICC538A	Prepare detailed design of foundations
RIICC539A	Prepare detailed design of lighting
RIICC540A	Prepare detailed design of environmental controls
RIICC541A	Prepare detailed design of landscaping
RIICC542A	Prepare detailed design of canals
RIICC543A	Implement and maintain environmental management plans
RIICC544A	Implement and maintain quality management plans
RIICC601A	Manage the civil works design process
RIICC602A	Establish civil construction plans
RIICC603A	Establish civil works maintenance programs

Imported Units of Competency for Certificate I, Certificate IV, Diploma and Advanced Diploma Qualifications

Code	Title	Prerequisite requirements for imported units		Training Package
BCCCM3003B	Implement traffic management plan	BCCCM1001B	Follow OH&S policies and procedures	BCC03
BSBCM402A	Develop work priorities	none		
BSBCM404A	Develop teams and individuals	none		
BSBCM408A	Report on financial activity	none		
BSBCM410A	Coordinate implementation of customer service strategies	None		
BSBCM411A	Monitor a safe workplace	none		
BSBCM412A	Promote innovation and change	none		
BSBCM413A	Implement and monitor environmental policies	none		

Code	Title	Prerequisite requirements for imported units			Training Package
BSBCMN419A	Manage projects	none			
BSBFLM403B	Implement effective workplace relationships	none			
BSBFLM405B	Implement operational plan	none			
BSBFLM406B	Implement workplace information system	none			
BSBFLM409B	Implement continuous improvement	none			
BSBFLM412A	Promote team effectiveness	none			
BSBFLM501B	Manage personal work priorities and professional development	none			
BSBFLM503B	Manage effective workplace relationships	none			
BSBFLM505B	Manage operational plan	none			
BSBFLM506B	Manage workplace information systems	none			
BSBFLM507B	Manage quality customer service	none			
BSBFLM509B	Facilitate continuous improvement	none			
BSBFLM510B	Facilitate and capitalise on change and innovation	none			
BSBFLM511B	Develop a workplace learning environment	none			
BSBFLM512A	Ensure team effectiveness	none			
BSBFLM513A	Manage budgets and financial plans within the work team	none			
BSBHR504A	Manage industrial relations policies and procedures	none			
BSBHR506A	Manage recruitment selection and induction processes	none			
BSBMGT503A	Prepare budgets and financial plans	none			
BSBMGT504A	Manage budgets and financial plans	none			
BSBMGT505A	Ensure a safe workplace	none			
BSBMGT506A	Select, recruit and induct staff	none			
BSBMGT603A	Review and develop business plans	none	none	none	
BSBMGT604A	Manage business operations	none	none	none	
BSBMGT605A	Provide leadership across the organisation	none	none	none	
BSBMGT606A	Manage customer focus	none	none	none	
BSBMGT608A	Manage innovation and continuous improvement	none	none	none	
BSBOHS607A	Advise on application of safe design principles to control OHS risk	none	none	none	
BSBPM405A	Apply human resources	none			

Code	Title	Prerequisite requirements for imported units	Training Package
	management approaches		
BSBPM408A	Apply contract and procurement techniques	none	
BSBPM501A	Manage application of project integrative processes	none	
BSBPM502A	Manage project scope	none	
BSBPM503A	Manage project time	none	
BSBPM504A	Manage project costs	none	
BSBPM505A	Manage project quality	none	
BSBPM506A	Manage project human resources	none	
BSBPM507A	Manage project communications	none	
BSBPM508A	Manage project risk	none	
BSBPM509A	Manage project procurement	none	
BSBPM601A	Direct the integration of multiple projects/programs	none	
BSBPM602A	Direct the scope of multiple projects/programs	none	
BSBPM603A	Direct time management of multiple projects/ programs	none	
BSBPM604A	Direct cost management of multiple projects/ programs	none	
BSBPM605A	Direct quality management of multiple projects/ programs	none	
BSBPM606A	Direct human resources management of multiple projects/ programs	none	
BSBPM607A	Direct communications management of multiple projects/ programs	none	
BSBPM608A	Direct risk management of multiple projects/ programs	none	
BSBPM609A	Direct procurement and contracts of multiple projects/ programs	none	
BSBSBM402A	Undertake financial planning	none	
BSBSBM403A	Promote the business	none	
BSBSBM404A	Undertake business planning	none	
BSBSBM406A	Manage finances	none	
LGACOM401A	Administer contracts	none	
LGACOM402A	Arrange contracts	none	
LGACOM409A	Prepare tender documentation	none	
LGACOM410A	Prepare response to tenders	none	
LGADMIN417A	Conduct community consultations	none	
LGAWORK401A	Develop works maintenance schedule	none	

Code	Title	Prerequisite requirements for imported units		Training Package
LGAWORK402A	Prepare for operational works	none		
LGAWORK403A	Manage civil plant and resources	none		
LGAWORK501A	Prepare preliminary design for operational works	none		
LGAWORK502A	Prepare detailed works project documentation	none		
LGAWORK503A	Undertake project investigation	none		
MEM30.1A	Use computer aided drafting systems to produce basic engineering drawings	MEM16.6A	Organise and communicate information	MEM05
		MEM16.8A	Interact with computing technology	MEM05
MEM30.2A	Produce basic engineering graphics	MEM16.6A	Organise and communicate information	MEM05
		MEM16.8A	Interact with computing technology	MEM05
MEM30.3A	Produce detailed engineering drawings	MEM16.6A	Organise and communicate information	MEM05
		MEM16.8A	Interact with computing technology	MEM05
		MEM30.1A	Use computer aided drafting systems to produce basic engineering drawings	MEM05
		MEM30.2A	Produce basic engineering graphics	MEM05
MEM30.4A Use CAD to create and display 3D models		MEM16.6	Organise and communicate information	MEM05
		MEM16.8A	Interact with computing technology	MEM05
		MEM30.1A	Use computer aided drafting systems to produce basic engineering drawings	MEM05
MEM9.11B	Apply basic engineering design concepts	MEM 9.2	Interpret technical drawing	MEM05
MNMMSU411A	Supervise work in confined space	none		
MNQGEN300A	Apply risk management processes	none		
MNQGEN340A	Communicate information	none		

Code	Title	Prerequisite requirements for imported units	Training Package
MNQGEN400A	Apply site risk management system	none	
MNQGEN401A	Apply site statutory compliance management plan	none	
MNQGEN403A	Foster positive community relations	none	
MNQGEN404A	Supervise dust and noise control	none	
MNQGEN430A	Apply site quality plan	none	
MNQGEN500A	Implement and maintain management plans to control risk	none	
MNQGEN600A	Establish and maintain the risk management systems	none	
MNQGEN601A	Establish and maintain the statutory compliance management system	none	
MNQGEN602A	Manage major incidents and emergencies	none	
MNQGEN610A	Establish and maintain the occupational health and safety management system	none	
MNQGEN620A	Establish and maintain the environmental management system	none	
MNQGEN630A	Establish and maintain the quality system	none	
MNQGEN661A	Conduct feasibility study	none	
MNQGEN662A	Establish operational performance management system	none	
MNQGEN663A	Initiate, monitor and supervise contracts	none	
MNQGEN664A	Conduct business negotiations	none	
MNQOPS403A	Apply site plant and resources management plan	none	
MNQOPS413A	Conduct shot firing	none	
MNQOPS450A	Apply site plant, equipment and infrastructure maintenance management plan	none	
MNQOPS503A	Implement site plant and resources management plan	none	
MNQOPS511A	Design surface blasts	none	
MNQOPS512A	Manage blast hole drilling operations	none	
MNQOPS513A	Manage blasting operations	none	
MNQOPS550A	Implement and maintain the site plant, equipment and infrastructure maintenance plan	none	
MNQOPS650A	Establish plant, equipment and infrastructure maintenance system	none	
PMLDATA400A	Process and interpret data	none	

Code	Title	Prerequisite requirements for imported units		Training Package
PMLDATA500B	Analyse data and report results	PMLDATA400A	Process and interpret data	PML04
PMLSAMP302A	Receive and prepare samples for testing	none		
PMLSAMP400B	Obtain representative samples in accordance with sampling plan	none		
PMLTEST300B	Perform basic tests	none		
PMLTEST303B	Prepare working solutions	none		
PMLTEST307B	Prepare trial batches for evaluation	none		
PMLTEST402B	Prepare, standardise and use solutions	none		
PMLTEST403B	Assist with geological site investigations	none		
PMLTEST404A	Perform chemical tests and procedures	none		
PMLTEST406A	Perform physical tests	none		
PMLTEST411A	Perform mechanical tests	none		
PMLTEST511B	Supervise earthworks inspection, sampling and testing operations	PMLTEST403B	Assist with geotechnical site investigations	PML04
		OR		
		PMLSAMP400B	Obtain representative samples in accordance with sampling plan	PML04
		AND		
		PMLTEST406A	Perform physical tests	PML04
PMLTEST520A	Perform complex tests to measure engineering properties of materials	PMLTEST411A	Perform mechanical tests	PML04
PRDSIS07A	Capture new data	none		
PRDSIS08A	Obtain and validate existing data	none		
PRDSIS14A	Integrate spatial data sets	none		
PRDSIS29A	Collect basic data	none		