Australian Government

RII50409 Diploma of Civil Construction Management

Release 3

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Modification History

Not applicable.

Description

The Diploma of Civil Construction Management reflects the role of personnel working on a single or a group of Civil Construction sites, who perform tasks involving a high level of autonomy and require the application of significant judgement in planning and determining the selection of equipment/roles/techniques for themselves and others. They are required to develop site specific work instructions and practices to ensure the implementation of the site management systems, plans and policies. They demonstrate the application of a broad range of technical, managerial, coordination and planning skills.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

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

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	- provide clear and direct feedback - listen carefully to instructions and information - read and interpret project plans and safety signs - calculate basic weights, distances and volumes - complete accurate work plans, technical reports, risk assessments, etc - negotiate solutions to customer and workplace based issues - negotiate project details with clients - network with other professionals working in the same field
Teamwork	- plan and lead team performance and operations - coordinate project activities and timelines with clients - work cooperatively with people of different ages, gender, race, religion or political persuasion - provide feedback and advice to staff - lead site-wide planning and coordination activities
Problem-solving	- re-allocate staff and resources in response to changing weather, site conditions and priorities - manage staff to solve problems and coordinate individual responsibilities and activities - work cooperatively with clients to resolve contract and operational issues - manage the ongoing review and adjustment of operations against performance indicators and project milestones
Initiative and enterprise	- act independently to identify potential improvements to working practice and conditions - identify and take steps to resolve risks in the workplace - encourage the exploration and application of innovative approaches to improve on operational performance
Planning and organising	- manage and coordinate time and priorities for self and team - identify and obtain appropriate personnel and resources for work - ensure that risks are assessed and appropriate emergency plans are in place - ensure that project planning incorporates the possibility of adapting to future changes

Self-management	- take responsibility for ensuring team targets and goals are achieved - understand the standard of work expected at the work site - proactively manage team performance - develop trust and confidence in staff and customers
Learning	- be willing to learn new ways of working - seek information to improve performance from people and workplace documents like policies, procedures etc - understand equipment characteristics, technical capabilities, limitations and procedures - lead change and continuous improvement processes - manage learning and development plans - prepare and lead formal or informal training sessions
Technology	- apply a range of basic IT skills in monitoring and reporting on systems - operate equipment safely and according to manufacturer and workplace guidelines - use communications technology appropriate to the workplace (email, mobile, radio, etc) - computer technology is used to monitor and communicate project status - use IT to create documents and maintain records of work activities

Packaging Rules

Requirements for the completion of the qualification

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

Successful completion of thirteen (13) units made up of:

- six (6) Core units of competency including either RIICWM501A or RIICWM502A (unit not selected may be included as a Group A elective)
- seven (7) elective units to be completed made up of:
- at least five (5) units from the Group A electives units listed
- up to two (2) units, drawn from this or any other endorsed Training Package or accredited course at any level

Units of competency chosen must

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

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

Core units	
Unit code	*Unit title*
BSBOHS509A	Ensure a safe workplace
BSBWOR502B	Ensure team effectiveness
RIIENV501A	Implement and maintain environmental management plan
RIIQUA501A	Implement, monitor and develop quality management plans
RIIRIS501A	Implement and maintain management systems to control risk
RIICWM501A	Implement civil construction plan
	or

RIICWM502A	Implement civil works maintenance program

Group A   elective units

Unit code	Unit title
BSBCUS501A	Manage quality customer service
BSBFIM501A	Manage budgets and financial plans
BSBHRM506A	Manage recruitment selection and induction processes
BSBINM501A	Manage an information or knowledge management system
BSBINN502A	Build and sustain an innovative work environment
BSBLED501A	Develop a workplace learning environment
BSBMGT515A	Manage operational plan
BSBMGT516A	Facilitate continuous improvement
BSBPMG501A	Manage application of project integrative processes
BSBPMG502A	Manage project scope
BSBPMG503A	Manage project time
BSBPMG504A	Manage project costs
BSBPMG505A	Manage project quality
BSBPMG506A	Manage project human resources
BSBPMG507A	Manage project communications
BSBPMG508A	Manage project risk
BSBPMG509A	Manage project procurement
BSBWOR501B	Manage personal work priorities and professional development
BSBWRK509A	Manage industrial relations
LGACOM401A	Administer contracts
LGAWORK501A	Prepare preliminary design for operational works
LGAWORK502A	Prepare detailed works project documentation

LGAWORK503A	Undertake project investigation
MSL925001A	Analyse data and report results
MSL975007A	Supervise earthworks inspection, sampling and testing operations
MSL975016A	Perform complex tests to measure engineering properties of materials
RIIBHD501A	Manage blast hole drilling operations
RIIBLA401A	Manage blasting operations
RIIBLA601A	Design surface blasts
RIICWD503A	Prepare work zone traffic management plan
RIICWM503A	Prepare civil works cost estimate
RIICWM504A	Prepare civil works bill of quantities
RIICWM505A	Prepare civil works schedule of rates
RIIRAI502A	Implement site plant and resource management plan
RIISAM501A	Implement and maintain the site plant, equipment and infrastructure maintenance plan