



Australian Government

RIICWM501E Implement civil construction plans

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to implement a civil construction plan, including preparing the detailed civil construction plan, acquiring resources, instructing team members, monitoring performance and reviewing task outcomes.

It applies to those working in management or technical specialist roles. They generally apply a broad range of technical and managerial skills and are responsible for the delivery of outputs that meet site requirements.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to implement a civil construction plan	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to implement civil construction plans and confirm work activity is compliant 1.3 Identify hazards and environmental issues associated with work, evaluate risks and apply controls 1.4 Confirm availability and accuracy of project information 1.5 Prepare the scope of work required according to job requirements 1.6 Identify and schedule resources required to complete task according to job requirements
2. Prepare the detailed	2.1 Identify viable available options for implementation of the civil

ELEMENT	PERFORMANCE CRITERIA
implementation plan	construction plan 2.2 Select preferred option and draft implementation plan in consultation with relevant team members, confirming best use of available resources 2.3 Identify contingency requirements to be allowed for in execution of the plan 2.4 Monitor and coordinate progress of other team members involved in the planning process 2.5 Identify key performance indicators to be used to monitor and assess project performance 2.6 Identify and clarify construction milestones required 2.7 Prepare cost estimate of execution in consultation with relevant team members 2.8 Gain approval of implementation plan 2.9 Document implementation plan according to site requirements
3. Initiate civil construction implementation plans	3.1 Acquire and make available required resources according to job requirements 3.2 Issue instructions to team members and others involved
4. Monitor, adjust and report on the implementation of civil construction plan	4.1 Monitor civil construction implementation plan performance and confirm it achieves required outcomes according to job requirements 4.2 Initiate adjustments to achieve required outcomes 4.3 Provide ongoing clarification and advice to those applying the plan 4.4 Complete and submit reports according to site requirements 4.5 Conduct a performance review of the implementation plan 4.6 Recommend improvements to tasks

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Oral communication	Conveys information and requirements clearly and listens actively

Unit Mapping Information

Supersedes and is equivalent to RIICWM501D Implement civil construction plan.

Links

Companion Volume Implementation Guide is found on VETNet -

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