



Australian Government

RIICWM502E Implement civil works maintenance programs

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 civil works maintenance programs in civil construction, including preparing the detailed civil works maintenance 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 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 works maintenance program	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to implement civil works maintenance programs and confirm work activity is compliant 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Confirm the current condition of assets scheduled for maintenance and recommend reclassification of serviceability where required 1.5 Identify resources required to implement the civil works maintenance

	plan
2. Prepare detailed civil works maintenance program	2.1 Identify viable available options for implementation of the specific civil works maintenance tasks 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 within implementation of the plan 2.4 Monitor and coordinate progress of other team members involved in the planning process 2.5 Identify and schedule the resources required for the execution of the implementation plan 2.6 Identify key performance indicators to be used in the monitoring and assessment of the project performance 2.7 Identify and clarify maintenance works milestones required 2.8 Prepare cost estimate of execution of the implementation plan in consultation with relevant team members 2.9 Gain approval of the implementation plan 2.10 Document the implementation plan according to site requirements
3. Initiate civil works maintenance implementation plans	3.1 Acquire and make available required resources 3.2 Issue instructions to team members and others involved
4. Monitor, adjust and report on the implementation of civil works maintenance programs	4.1 Monitor civil works maintenance implementation plan performance and confirm it achieves required outcomes 4.2 Provide ongoing clarification and advice to those applying the plan 4.3 Complete and submit reports according to site requirements 4.4 Participate in performance review of the implementation plan 4.5 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	Presents workplace procedures and technical instructions to a group using sector-specific vocabulary

Unit Mapping Information

Supersedes and is equivalent to RIICWM502D Implement civil works maintenance program.

Links

Companion Volume Implementation Guide is found on VETNet -

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