



Australian Government

RIICWM602E Establish 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 establish civil works maintenance programs in civil construction. It includes planning for, implementing, monitoring and reporting on civil works maintenance programs.

It applies to those working in management or technical specialist roles. They generally perform complex, non-routine tasks involving strategic and planning activities and are responsible for establishing and maintaining operational systems and plans.

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. Prepare to establish civil works maintenance program	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to establish civil works maintenance programs and confirm work activity is compliant 1.3 Schedule, initiate and confirm inspection of assets
2. Plan civil works maintenance program	2.1 Classify the condition of assets in terms of serviceability 2.2 Prioritise maintenance works 2.3 Identify viable options for maintenance program according to job requirements 2.4 Select preferred options and draft maintenance program in consultation with relevant team members and job requirements

ELEMENT	PERFORMANCE CRITERIA
	2.5 Identify and allow for contingency requirements 2.6 Monitor and coordinate progress and involvement of other team members 2.7 Identify and schedule the resources required for execution of the maintenance program 2.8 Identify key performance indicators to be used 2.9 Gain client agreement on maintenance milestones 2.10 Prepare cost estimate of program in consultation with relevant team members 2.11 Gain approval 2.12 Document civil works maintenance program according to site procedures
3. Initiate civil works maintenance programs	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 civil works maintenance programs	4.1 Monitor civil works maintenance program performance according to job requirements 4.2 Initiate adjustments to civil works maintenance program according to job requirements 4.3 Provide ongoing clarification and advice to those applying the program 4.4 Complete and submit reports according to site requirements 4.5 Conduct performance review of the works maintenance program 4.6 Recommend changes to improve civil works maintenance programming processes

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
Numeracy	Applies basic mathematics to calculate resourcing requirements and cost estimates
Oral communication	Presents workplace procedures and technical instructions to a group using sector-specific vocabulary

Unit Mapping Information

Supersedes and is equivalent to RIICWM602D Establish civil works maintenance programs.

Links

Companion Volume Implementation Guide is found on VETNet -

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