



Australian Government

RIICWM601E Establish civil construction plans

Release: 1

RIICWM601E Establish civil construction plans

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 construction plans, including planning for, initiating, monitoring and reporting on the establishment of civil construction plans.

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 construction plans	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to establish civil construction plans and confirm work activity is compliant 1.3 Confirm availability and accuracy of project information required for completion of civil construction plan 1.4 Prepare scope of work required for project completion
2. Conduct the civil construction planning process	2.1 Identify viable options for the construction program 2.2 Select preferred option and draft construction program in consultation with relevant team members and according to job requirements

ELEMENT	PERFORMANCE CRITERIA
	2.3 Identify and allow for contingency requirements 2.4 Monitor and coordinate progress and involvement of other team members 2.5 Identify and schedule resources required for execution of the construction program 2.6 Identify key performance indicators to be used 2.7 Gain client agreement on construction milestones 2.8 Prepare a cost estimate of plan execution in consultation with relevant team members and according to job requirements 2.9 Gain approval of plan 2.10 Document the civil construction plan according to site procedures
3. Initiate civil construction plans	3.1 Acquire and make available required resources according to job requirements 3.2 Issue instructions to team members and others
4. Monitor, adjust and report on the execution of civil construction plans	4.1 Monitor civil construction plan performance according to job requirements 4.2 Initiate adjustments to civil construction plan according to job requirements 4.3 Provide ongoing clarification and advice to those applying the plan 4.4 Confirm reports are complete and submitted according to site requirements 4.5 Conduct a performance review of construction 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
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 RIICWM601D Establish civil construction plans.

Links

Companion Volume Implementation Guide is found on VETNet -

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