RIICAM502 Make decisions using civil infrastructure asset data

Release: 1

RIICAM502 Make decisions using civil infrastructure asset data

Modification History

Release	Comments
Release 1	This version first released with the RII Resources and Infrastructure Industry Training Package Version 8.0. Newly created unit.

Application

This unit describes the skills and knowledge required to make decisions using civil infrastructure asset data. This includes an understanding of organisational decision making requirements.

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 workplace requirements.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Civil Infrastructure Asset Management

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify organisational requirements for civil infrastructure asset data	1.1 Obtain, interpret, clarify and confirm work requirements according to legislation, standards, regulations, codes, guidelines and manuals

1.2 Determine purpose of work activity and required outcomes

1.3 Identify and select civil infrastructure asset data according to task requirements

1.4 Evaluate civil infrastructure asset data set and identify organisational decision making opportunities

1.5 Confirm nature and scope of report requirements |

　　　　　　　　　　　　　　　PwC's Skills for Australia

2. Interpret civil infrastructure asset data sources	2.1 Access civil infrastructure asset data according to organisational policies and procedures and legislative requirements
	2.2 Analyse civil infrastructure dataset and identify trends according to work requirements
	2.3 Determine and document insights according to identified organisational decision making opportunities
3. Prepare recommendations	3.1 Prepare recommendations based on analysis activities according to task requirements
	3.2 Seek input and integrate feedback from required stakeholders according to organisational policies and procedures
	3.3 Finalise and distribute recommendations to required personnel according to organisational and legislative requirements

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	• Calculates resourcing requirements and performs mathematical calculations
Oral communication	• Uses listening and questioning techniques to confirm requirements and articulate complex concepts using relevant industry for intended audience
Planning and organising	• Uses a formal, logical planning processes together with an increasingly intuitive understanding of context
Technology	• Identifies principles, concepts, language and articulates associated with the digital world
Writing	• Develops documentation conveying explicit information, requirements and recommendations for a specific audience, using clear and detailed language

Unit Mapping Information

New unit.

     PwC's Skills for Australia

Links

Companion Volume Implementation Guide is found on VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272