



Australian Government

RIIBEF401E Manage non-routine and complex technical situations

Release: 1

RIIBEF401E Manage non-routine and complex technical situations

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to manage non-routine, complex technical situations in the resources and infrastructure industries.

It applies to those working in supervisory roles. They are generally responsible for the output of others, contribute to the development of technical solutions to non-routine problems and apply management plans to the workplace.

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

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. Collect and analyse information	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to manage non-routine and complex technical situations 1.3 Monitor and analyse all available information according to workplace procedures 1.4 Assess information for relevance and applicability according to job requirements 1.5 Identify operational problems according to job requirements 1.6 Access additional sources of information if required to assist in solving the operational problem
2. Identify, determine and solve complex problems	2.1 Identify and determine problems according to workplace procedures 2.2 Identify a range of possible solutions to the problem according to workplace procedures

ELEMENT	PERFORMANCE CRITERIA
	2.3 Communicate the nature and scope of the problem to relevant personnel 2.4 Determine any long term impacts of the problem 2.5 Determine the most appropriate action to solve the problem according to workplace procedures 2.6 Carry out calculations necessary to implement action if requirement and according to workplace procedures 2.7 Implement action to resolve the problem according to workplace procedures 2.8 Report the action taken to relevant personnel
3. Manage non-routine and complex technical operations	3.1 Modify own role and responsibilities to meet changing circumstances 3.2 Carry out work independently of management according to job requirements 3.3 Take responsibility for decision-making processes and quality of own work outcomes 3.4 Prepare detailed written reports for a range of relevant topics on activity, requirements and outcomes 3.5 Complete written documentation in accordance with workplace requirements and standards

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
Writing	<ul style="list-style-type: none"> Prepares specific information that complies with a range of regulatory requirements, using sector-specific terminology
Oral communication	<ul style="list-style-type: none"> Conveys information and requirements clearly, and listens carefully
Reading	<ul style="list-style-type: none"> Identifies and interprets relevant information from workplace procedures, documentation and regulations
Problem solving	<ul style="list-style-type: none"> Demonstrates an understanding of the ways in which variables impact on decision outcomes

Unit Mapping Information

Supersedes and is equivalent to RIIBEF401D Manage non-routine, complex technical situations.

Links

Companion Volume implementation guides is found on VETNet -

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