



Australian Government

RIIENV502E Undertake process or project environmental impact assessments

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 5.0.

Application

This unit describes the skills and knowledge required to undertake process or project environmental impact assessment in the resources and infrastructure industries.

It applies to those working in management roles. They generally work in teams and have some responsibility for the outcomes of others.

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. Describe process or project and the development environment	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required to undertake process or project environmental impact assessments 1.3 Prepare a written detailed description of the process or project environment before development 1.4 Prepare process or project life cycle with detailed information on all phases
2. Identify environmental issues for process or project	2.1 Work with engineers and scientists to identify environmental issues 2.2 Assess each part of the process or project for impact on the local ecosystem according to workplace procedures 2.3 State assessment criteria clearly 2.4 Identify both positive and negative impacts 2.5 Evaluate risks and hazards associated with the process or project, both short and long term according to workplace procedures

ELEMENT	PERFORMANCE CRITERIA
3. Assess environmental impact	3.1 Assess process or project against environmental regulations, site terms, conditions, licences and company policy 3.2 Make qualified and justified assessment of impact on environment 3.3 Ensure written assessment documents are used as the scientific basis for assessment according to workplace procedures 3.4 Present written assessment in clearly written and illustrated format according to workplace procedures
4. Evaluate alternatives	4.1 Ensure all practical solutions to impact assessment are included in analysis 4.2 Prepare objective and scientifically valid alternatives 4.3 Prepare comparisons using cost benefit analysis where possible according to workplace procedures 4.4 Identify alternative processes or amended project to minimise environmental impact

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
Problem solving	<ul style="list-style-type: none"> Identifies a range of factors that impact on a decision, including own values and principles, the needs, power, values, beliefs and assumptions of stakeholders
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, legislation and regulations

Unit Mapping Information

Supersedes and is equivalent to RIIENV502D Undertake process or project environmental impact assessment.

Links

Companion Volume implementation guides is found on VETNet -

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