



Australian Government

RIIENV502D Undertake process or project environmental impact assessment

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIIENV502A Undertake process or project environmental impact assessment
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

unit describes a participant's skills and knowledge required to undertake process or project environmental impact assessment in the Resources and Infrastructure Industries.

This unit is appropriate for those working in management roles.

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

Elements and Performance Criteria

1 Describe process or project and the development environment	1.1 Access, interpret and apply environmental impact assessment documentation and ensure the work activity is compliant 1.2 Prepare a written detailed description of the process or project environment before development 1.3 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 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
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 3.4 Present written assessment in clearly written and illustrated format
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 4.4 Identify alternative processes or amended project to minimise environmental impact

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIENV502A Undertake process or project environmental impact assessment

Links

Companion Volume implementation guides are found in VETNet -

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