



Australian Government

DEFRM210B Monitor and implement environmental plans and procedures

Release 2

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Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to monitor and implement environmental plans and procedures and to develop environmental procedures.

The unit covers the ability to identify environmental risks and incidents and to apply the most appropriate procedures to control and minimise the impact of these risks and incidents on the environment.

Application of the Unit

This unit was developed for range management and range control work within Defence but may be applicable to work in this field.

Typically, people who or apply this unit would work independently or as part of a team under direct and indirect supervision, use discretion and judgement and take responsibility for the quality of their outputs. All activities are carried out in accordance with relevant organisational policies and procedures.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Relate environmental plans and procedures to specific areas	1.1 <i>Environmental risks</i> and <i>impacts</i> are identified and agreed by relevant personnel
	1.2 <i>Environmental plans and procedures</i> are identified and examined for compliance with organisational requirements
	1.3 Appropriate environmental plans and procedures that related to the <i>specific areas</i> are selected
2. Implement environmental plans and procedures	2.1 Environmental risks and impacts are identified
	2.2 Emergency procedures are applied in accordance with <i>legislative requirements</i> and environmental plans and procedures
	2.3 Activities are carried out in accordance with environmental plans and procedures
	2.4 Participation and contribution is established and maintained
3. Develop project/site environmental procedures	3.1 The need for specific area environmental procedures is established and assessed in consultation with <i>stakeholders</i>
	3.2 Specific area environmental procedures are developed
	3.3 Specific area environmental procedures are reviewed and amended if necessary
4. Manage environmental incidents	4.1 <i>Environmental incidents</i> are identified and controlled in accordance with environmental plans and procedures
	4.2 Emergency procedures are applied in accordance with legislative requirements and environmental plans and procedures
	4.3 Environmental incidents are recorded and reported
5. Monitor and report on the applications of environmental plans and procedures	5.1 The results of applying environmental plans and procedures are evaluated and reported to relevant personnel
	5.2 Environmental risks are reported
	5.3 <i>Environmental management documentation</i> is maintained and adjustments are communicated to all stakeholders

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- access, interpret and apply relevant legislation and standard operating procedures
- apply control procedures to environmental risks and incidents
- apply due diligence
- apply environmental plans and procedures
- develop local area environmental procedures
- identify possible cultural/heritage sites
- identify potential pollutants
- monitor specific activities
- report and record environmental procedures

Required Knowledge

- concepts of due diligence
- consultation procedures
- control procedures for environmental risks and incidents
- electronic or manual recording procedures
- endangered species and habitat protection
- environmental impact assessment
- environmental plans and procedures
- identification of risks and impacts
- incident management procedures
- monitoring procedures
- potential environmental auditing
- principles of environmental protection
- rare and endangered plants
- relevant legislative requirements
- reporting procedures
- risk assessment procedures
- sedimentation and erosion control
- standard operating procedures

Evidence Guide

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to relate the environmental plans and procedures to specific areas, identify environmental risks and impacts, develop environmental procedures, manage environmental incidents and maintain environmental management documentation.

Consistency in performance

Competency should be demonstrated in a range of actual or simulated environmental contexts.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or in a simulated work environment, in accordance with all relevant legislation and organisation requirements.

Specific resources for assessment

Access is required to the specific area where environmental plans are to be implemented and monitored.

Guidance information for assessment

In all cases assessment should be supported by questions to assess knowledge and those aspects of competency which are difficult to assess directly.

Questioning techniques should suit the language and literacy levels of the candidate.

Range Statement

<p>The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. <i>Bold italicised</i> wording in the Performance Criteria is detailed below.</p>	
<p><i>Environment</i> may include:</p>	<ul style="list-style-type: none"> • Surroundings in which an enterprise and/or industry operates, including air, water, land, natural resources, flora, fauna, humans and their interrelation (<i>AS/NZS ISO 14001(Int): 1995, Environmental Management Systems - Specifications with guidance for use</i>)
<p><i>Environmental risks</i> may include:</p>	<ul style="list-style-type: none"> • Any potential adverse or beneficial change to the environment, whether direct or inferred, wholly or partially resulting from an enterprise's activity, product or service (<i>AS/NZS ISO 14001(Int): 1995, Environmental Management Systems - Specifications with guidance for use</i>) • Chemical, petrol, oil and lubricants spillage • Impact of land usage • Impact of mismanagement of biological agents • Planning deficiencies • Poor construction processes • Waste disposal
<p><i>Environmental impact</i> may include:</p>	<ul style="list-style-type: none"> • Any change to the environment whether adverse or beneficial, wholly or partially resulting from an enterprise's activity, product or service (<i>AS/NZS ISO 14001(Int): 1995, Environmental Management Systems - Specifications with guidance for use</i>)
<p><i>Environmental plans and procedures</i> may include:</p>	<ul style="list-style-type: none"> • Biological control eg blue green algae • Chemical management • Coastal protection • Conservation/flora/fauna • Cultural, heritage • Ground water protection • Irrigation • Land usage • National, state/territory or local government requirements • River/surface water systems • Salination control • Waste disposal • Water resources
<p><i>Specific areas</i> may include:</p>	<ul style="list-style-type: none"> • Buildings and other infrastructure

	<ul style="list-style-type: none"> • Bushland • Catchments • Construction and maintenance sites • Drainage sites • Flood plain sites • Surface/ground water sites • Wetlands
<i>Legislative requirements</i> may include:	<ul style="list-style-type: none"> • Relevant federal legislation • Relevant state/territory legislation • Relevant local government by-laws
<i>Stakeholders</i> may include:	<ul style="list-style-type: none"> • Community action groups • Environmental conservation groups • General community and individuals • Government agencies and departments • Land care groups • Landholders, neighbours • Primary producers
<i>Environmental incidents</i> may include:	<ul style="list-style-type: none"> • Contamination of land • Destruction of habitat • Disposal of waste • Impact on culturally significant sites • Land usage • Use of energy sources • Vibration and noise
<i>Environmental management documentation</i> may include:	<ul style="list-style-type: none"> • Audit results • Complaint records • Compliance records • Incident reports • Information on applicable environmental laws or other requirements • Information on emergency preparedness and response • Inspection and maintenance records • Management reviews • Operational records • Records of significant environmental impacts • Relevant contractor and supplier information • Training records

Unit Sector(s)

Not applicable.