



Australian Government

Department of Education, Employment and Workplace Relations

PUAOIL402 Apply oiled shoreline assessment strategies in an oil spill response

Release: 1

PUAOIL402 Apply oiled shoreline assessment strategies in an oil spill response

Modification History

PUAOIL402 Release 1: Primary release.

Unit Descriptor

This unit covers the competency required to lead a team in oiled shoreline assessment as a shoreline supervisor or coordinator.

Application of the Unit

This unit applies to a shoreline supervisor or coordinator responsible for collating data about shorelines and the extent and degree of oiling.

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. Conduct pre deployment preparations | <p>1.1 Identify <i>jurisdictions</i> and response <i>constraints</i> to assist deployment planning.</p> <p>1.2 Identify, analyse and record <i>deployment information</i> to aid planning.</p> <p>1.3 Select, source, and check tools and <i>equipment</i> consistent with plan requirements.</p> <p>1.4 Document and provide information to the incident management team.</p> |
| 2. Conduct on-site assessment | <p>2.1 Plan and prepare briefing prior to <i>on-site assessment</i>.</p> <p>2.2 Complete and record on-site assessment of incident zone.</p> <p>2.3 Communicate assessment information to shoreline coordinator to assist in the management of the response.</p> |
| 3. Plan and monitor response | <p>3.1 Determine and plan clean up priorities and communicate to relevant parties.</p> <p>3.2 Identify and communicate specific duties/responsibilities.</p> <p>3.3 Plan and communicate daily objectives and priorities.</p> <p>3.4 Monitor incident and modify response plan based on response team reports and ongoing oiling of shoreline.</p> |

Required Skills and Knowledge

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

Required Skills

- prepare, present and communicate information
- identify the relationship between the goals of the incident management team and how own work contributes to these goals
- make decisions
- prioritise work tasks
- map reading
- safe work practice
- application of environmental legislation

Required Knowledge

- state/territory emergency procedures and networks
- knowledge of principles and practices to conduct an activity which exercises elements of public safety management
- range of communication equipment available to the organisation
- legislative and statutory safety requirements
- relevant environmental legislation
- environmental impact
- shoreline attributes

Evidence Guide

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

Assessment must confirm the ability to:

- describe:
 - shoreline substrates and the influence of substrate on shoreline response
 - shoreline type or form
 - biological character
 - shoreline oiling
 - priorities for shoreline protection
- implement plans for shoreline protection
- understand and convey the importance of health and safety in the oiled environment

Context of and specific resources for assessment

Competency should be assessed in a simulated multi-agency response environment or in an operational environment.

Method of assessment

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an approved simulated environment.

Forms of assessment may include:

- direct observation
- journals and workplace documentation
- third party reports from supervisors
- written or oral questions
- case studies

Guidance information for assessment

Where possible assessment should be completed holistically and may be assessed with other relevant units of competence such as but not limited to :

- PUAOIL301 Apply health, safety and risk controls when working on oiled shorelines
- PUAOIL401 Apply decision making strategies in an oil spill response
- PUAOIL403 Lead a team in oiled shoreline clean up
- PUATEA003B Lead, manage and develop teams

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Jurisdiction may include:

- commonwealth
- state
- local government
- environment and conservation department
- parks and wildlife
- great barrier reef marine park

Constraints may include:

- health and safety of team members
- remoteness
- access
- equipment
- damage to shoreline
- sensitivity of shoreline and environmental impact
- public and media
- support services
- tides
- threat from wildlife
- communication
- waste storage and removal

Deployment information may include

- shoreline sector allocation
- shoreline assessment forms using GIS and map data
- location, character and behaviour of oil and oiled shoreline
- clean up response areas
- environmentally or socially sensitive areas
- resource requirements

Equipment may include:

- digital camera with sufficient memory and power packs
- water tight camera bags
- video camera, tapes and batteries
- photo log book
- shoreline assessment forms
- field notebooks (waterproof)
- pencils, waterproof markers, rulers, protractors, scissors
- waterproof pack
- compass
- global positioning system (GPS); hand held portable

- topographic maps or charts
- road maps
- radios/satellite phones or mobile phones
- emergency position indicating radio beacon
- first aid kit
- sunscreen/hat or cold weather gear
- rain gear/overalls
- rubber boots, not skid soles/steel caps
- gloves (waterproof)
- tape – wide fluorescent flagging tape
- tape measure (30m)
- marker posts (e.g. garden stakes) post hammer, labels and waterproof non fade marker pens
- shovels: folding type with a pick on the back
- sample jars (labelled) and container (protective)
- spatulas, spoons and other sampling instruments
- ice chests if biological samples are to be taken
- plastic bags – heavy duty
- vehicles appropriate for terrain
- identifying shoreline character
- calculating potential waste volumes

On-site assessment may include:

Unit Sector(s)

Marine pollution response.