



Australian Government

Department of Education, Employment and Workplace Relations

PUAOIL403 Lead a team in oiled shoreline clean up

Release: 1

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Modification History

PUAOIL403 Release 1: Primary release.

Unit Descriptor

This unit covers the competency required to lead a team in oiled shoreline clean up. It involves the establishment of teams, the planning and implementation of worksite management zones, and the deployment and monitoring of work teams to the final reporting stage of a clean up.

Application of the Unit

This unit supports the attainment of skills and knowledge required for shoreline supervisors or coordinators to coordinate, supervise and manage oiled shoreline clean up activities, including preparing disseminating plans and strategies to control the incident.

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. Establish the shoreline response unit	<ul style="list-style-type: none">1.1 Determine the size and structure of the shoreline response unit.1.2 Deploy <i>appropriate staff</i> physically able to assist in the response.1.3 Implement a <i>site induction</i> that incorporates safe systems of work, communication methods, hierarchy of roles and reporting systems within the Incident management system.1.4 Identify any training that may need to be implemented.
2. Plan clean up operations	<ul style="list-style-type: none">2.1 Identify <i>hazards</i> relevant to the operation and ensure safe systems of work are implemented.2.2 Establish priorities for shoreline protection and clean up based on data and reports received.2.3 Sector and segment shoreline for identification and management of clean up zone.2.4 Implement <i>clean up method/s</i> appropriate to environmental conditions.
3. Organise resources	<ul style="list-style-type: none">3.1 Identify and organise <i>response equipment</i> through appropriate channels.3.2 Make arrangements for the transport of resources and personnel.3.3 Establish <i>on-site support</i> for personnel
4. Establish worksite management zones	<ul style="list-style-type: none">4.1 Implement a three-zone system to control access and activities around the Incident Control Centre.4.2 Organise appropriate security.4.3 Establish a decontamination centre.
5. Manage waste from clean up	<ul style="list-style-type: none">5.1 Consider and implement ways to minimise waste.5.2 Establish temporary waste holding areas that allow for safe containment and appropriate segregation of waste.5.3 Arrange for the removal of waste from temporary to permanent storage in line with relevant legislation.
6. Deploy and monitor work teams	<ul style="list-style-type: none">6.1 Develop and communicate work orders to relevant personnel.6.2 Brief teams and allocate tasks relating to the relevant period of time and job role to be performed.6.3 Monitor work situation on a regular basis for effectiveness and safety of task.6.4 Maintain accurate logs to record actions and decisions made.6.5 Review and change plans as required.

7. Terminate response

- 7.1 Personnel are debriefed.
- 7.2 Equipment is returned to designated areas as requested through work orders.
- 7.3 Post spill reports completed and submitted to relevant personnel.
- 7.4 Records collected, collated, checked and forwarded to appropriate personnel.

Required Skills and Knowledge

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

Required Skills

- develop safe work systems
- prepare, present and communicate information
- identify the relationship between the goals of the incident management team and how own work contributes to these goals
- display resilience by continuing to move forward despite criticism or setbacks
- machinery and equipment operation
- problem solving
- decision making
- conflict resolution and negotiation
- prioritise work tasks
- effective and efficient deployment of human and physical resources

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
- applicable environmental legislation
- local government legislation
- local wildlife groups such as wires

Evidence Guide

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

Assessment must confirm the ability to:

- collect, evaluate and disseminate information on the current and forecast situation
- demonstrate the ability to establish management zones
- demonstrate sound methodologies in planning and organising resources for clean up response
- evaluate, plan and activate workforce deployment
- maintain logs and produce effective reports
- work effectively as a member of an Incident management Team to resolve an incident

Context of and specific resources for assessment

Competency should be assessed in a simulated multi-agency response environment or 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 to be completed holistically and may be assessed with other relevant units of competence. For example including but not limited to:

- PUAOIL301 Apply health, safety and risk controls when working on oiled shorelines
- PUAOIL402 Apply oiled shoreline assessment strategies in an oil spill response
- 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.

- Appropriate staff*** may include:
- medical conditions that preclude the type of work involved
 - physical or medical unfitness
 - behavioural unsuitability
- Site induction*** may include:
- records kept
 - command and control structure
 - authority of shoreline coordinator
 - role of supervisors and team leaders
 - roles of the agencies and personnel
 - rules of conduct including alcohol and drugs policy
 - procedures for dealing with the media and public
 - health and safety
 - incident briefs
 - scope of response
 - shorelines impacted
 - types of shoreline impacted
 - methods being employed
 - PPE needs
 - muster areas and schedules
 - use of private vehicles
 - wildlife
 - log keeping and other documentation
- Hazards*** may include:
- risks associated with the oil
 - environmental hazards
 - response hazards
 - incident health and safety plans
 - site specific health and safety plan
- Clean up method/s*** may include
- natural recovery
 - manual recovery
 - mechanical removal
 - use of sorbents
 - vacuum recovery
 - sediment reworking
 - vegetation cutting/removal
 - flooding (deluge)
 - low pressure washing
 - high pressure washing

Response equipment may include:

- hot water washing
- use of cleaning agents
- steam cleaning/sand blasting
- bioremediation/aeration
- in-situ burning
- trenching
- mechanical tools:
 - grader
 - front end loader
 - dump truck
 - elevating scraper
 - tractor
- loose sorbents
- manual equipment
- shoreline boom

On-site support may include:

- ablutions
- accommodation
- canteen facilities
- decontamination areas
- equipment and spares
- first aid
- refuelling area
- helicopter landing site
- PPE
- rest areas
- security
- vehicle parking
- temporary holding area for waste

Unit Sector(s)

Marine pollution response.