PUAOIL304 Use advanced equipment operations for oil spill response

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the PUA Public Safety Training Package.

Application

This unit involves the skills and knowledge required to safely deploy, operate, monitor and recover advanced oil spill response equipment.

The unit is applicable to personnel responsible for the choices and deployment of appropriate advanced oil spill response equipment to meet the type of oil spill operations and environmental conditions for Level 1, 2 or 3 responses.

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

Pre-requisite Unit

Not applicable.

Competency Field

Marine Pollution Response

Unit Sector

Not applicable

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Manage safety of operation	**1.1** Identify hazards and risks for the site and equipment use through a job safety analysis
	1.2 Apply the hierarchy of controls to manage hazards and risks

		1.3	Select, use, maintain and store personal protective clothing and equipment, in accordance with Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) and Safety Data Sheet (SDS) requirements
2	Communicate with work team and incident management team	2.1	Prepare site specific deployment plans based on the incident action plan
		2.2	Plan, prepare and present briefs and debriefs to relevant personnel
		2.3	Maintain communication channels with all stakeholders involved in the deployment and recovery of oil spill response equipment
		2.4	Ensure oil spill response personnel can deploy equipment in a team environment
3	Prepare equipment for use	3.1	Identify required advanced oil spill response equipment using the incident action plan and/or site specific deployment plan
		3.2	Conduct routine preoperational checks of equipment using organisational procedures and manufacturers' specifications
		3.3	Identify and segregate faulty equipment for repair or replacement
		3.4	Identify equipment requiring licensed operators
4	Operate and/or deploy equipment	4.1	Use equipment, in accordance with state, territory and Commonwealth licensing requirements
		4.2	Operate and monitor equipment, in accordance with organisational procedures, manufacturers' specifications and supervisor's instructions
		4.3	Carry out work, in accordance with organisational procedures, WHS/OHS requirements and the incident action plan
		4.4	Identify and record the use of equipment consumables
5	Monitor operations	5.1	Monitor, assess and reassess the effectiveness of equipment and/or the recovery operation

	5.2	Identify, action and monitor environmental implications associated with the operation and maintenance of equipment
	5.3	Identify any changes to response as a result of ongoing monitoring of operations
6 Check, clean and store equipment	**6.1**	Maintain records of equipment use, in accordance with organisational procedures, the incident management system and incident action plan
	6.2	Clean, secure and store equipment, in accordance with organisational procedures, manufacturers' specifications, maintenance manual and/or supervisor's instructions
	6.3	Report and take action on equipment malfunction, fault, wear or damage, in accordance with organisational procedures
	6.4	Maintain and clean workplace, in accordance with organisational procedures, WHS/OHS requirements and demobilisation plan

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to PUAOIL302 Use advanced equipment operations for oil spill response.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf