



Australian Government

Department of Education, Employment and Workplace Relations

PMAOHS511A Manage emergency incidents

Revision Number: 1

PMAOHS511A Manage emergency incidents

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	In a typical scenario the person in charge of a facility undertakes the management, coordination and response to emergency situations within the facility. <i>Note: This unit was formerly PMAOHS410 but has been raised to a higher level given the responsibilities of the role</i>
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Application of the Unit

Application of the unit	Typical facilities could include: • onshore/offshore installation/rig • floating hydrocarbons production vessel • onshore hydrocarbons production, processing and/or storage facilities • pipeline and related facilities • chemicals manufacturing plant. The person would: • assess the magnitude and impact of the emergency • gather and coordinate all of the necessary emergency response personnel and equipment and direct their implementation • initiate all of the necessary communication responses, both within and outside the facility • manage and coordinate the emergency response. This unit of competency applies to persons who would normally be in control or command of the facility or be required to deputise in this role. They may be expected to be capable of performing all parts of this unit.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units	<i>PMAOMIR320B</i>	<i>Manage incident response information</i>
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Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Collect and assess emergency information	1.1. Ascertain the scope and severity of the emergency as quickly as possible, from information received from alarms, personnel and other means 1.2. Collate and assess information on emergency 1.3. Develop appropriate responses to the information received based on emergency response planning.
2. Implement emergency response strategies	2.1. Develop, or promptly implement, onsite strategies in order to combat the emergency 2.2. Monitor continuously information flows relating to the emergency in order to evaluate the effectiveness of the implemented strategy 2.3. Coordinate team activities and resource allocation and direct them to meet the identified emergency 2.4. Delegate authority to appropriate personnel as the situation warrants.
3. Liaise with emergency control	3.1. Collate and communicate information relating to the emergency to emergency control centre 3.2. Request external assistance as appropriate 3.3. Coordinate/incorporate external assistance into emergency response 3.4. Control internal and external communication in accordance with the emergency response plan.
4. Coordinate emergency responses	4.1. Convey feedback relating to progress/status of the emergency to emergency response teams and other personnel 4.2. Regularly reassess and modify responses and tactics in accordance with the status of the emergency. 4.3. Conduct periodic 'time outs' to enable situation updates and proactive directing of resources and actions.
5. Assess emergency response/actions	5.1. Collate and assess information on status of the emergency to enable a final decision to be made and communicated to declare the end of the emergency, or abandonment of the facility 5.2. Consider future stages of the emergency and develop mitigation strategies in advance of those events.
6. Undertake post-emergency evaluation	6.1. Undertake a post-response evaluation of the emergency in order to determine the effectiveness of the response strategies and the emergency response plan 6.2. Recommend and communicate modification and adjustments to the emergency response plans to appropriate personnel

ELEMENT	PERFORMANCE CRITERIA
	6.3. Review and modify planning of emergency response exercises and training in light of the outcomes of the emergency response evaluation.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

A person undertaking this competency must be able to demonstrate:

- advanced leadership skills
- advanced organisation skills
- high level planning skills
- advanced team management skills
- high level hazard awareness and safety awareness skills
- high level communication skills
- ability to work under extreme pressure.

Required knowledge

Demonstrated knowledge of the following:

- use and selection of personal protection equipment
- fire control and attack techniques and strategies
- fire and product leak control and containment techniques and strategies
- characteristics of the plant, equipment and facility and associated facilities emergency situations
- selection and application of appropriate fire extinguishing media
- characteristics of fires and fuel types
- principles and procedures of SCBA
- self rescue techniques
- search and rescue techniques (other than self)
- casualty handling techniques
- relevant facility fire management and safety systems
- emergency communication systems
- emergency response plans
- teamwork principles and techniques
- command and control principles and techniques.

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Assessment of this unit should include demonstrated competence on actual plant and equipment in a work environment. The unit will be assessed in as holistic a manner as is practical and may be integrated with the assessment of other relevant units of competency. Assessment will occur over a range of situations which will include disruptions to normal, smooth operation.

Simulation may be required to allow for assessment of parts of this unit. Simulation should be based on the actual plant and will include walk-throughs of the relevant competency components. Simulations may also include the use of case studies/scenarios and role-plays. Simulations of the operation and control of emergency resources, tools and equipment must be made using resources available in the facility.

This unit of competency requires a significant body of knowledge which will be assessed through questioning and the use of what-if scenarios both on the plant (during demonstration of normal operations and walk-throughs of abnormal operations) and off the plant.

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

Competence must be demonstrated in the ability to recognise and analyse potential situations requiring action and then in implementing appropriate mitigating action. The emphasis should be on the ability to stay out of trouble rather than on recovery from a disaster.

Consistent performance should be demonstrated. In particular look to see that:

- the situation is rapidly assessed and all information available processed quickly
- communication of the status and requirements are made to the relevant parties
- resources are coordinated in an effective manner
- full use of available internal and external resources is made.

These aspects may be best assessed using a range of

EVIDENCE GUIDE	
	scenarios/case studies/what-ifs as the stimulus with a walk through forming part of the response. These assessment activities should include a range of problems, including new, unusual and improbable situations which may have been generated from the past incident history of the plant, incidents on similar plants around the world, hazard analysis activities and similar sources.
Context of and specific resources for assessment	Assessment will require access to an operating plant over an extended period of time, or a suitable method of gathering evidence of operating ability over a range of situations. A bank of scenarios/case studies/what-ifs will be required as will a bank of questions which will be used to probe the reasoning behind the observable actions.
Method of assessment	In all plants it may be appropriate to assess this unit concurrently with relevant teamwork and communication units. In a major hazard facility, it may be appropriate to assess this unit concurrently with: • <i>PMAOMIR444B Develop incident containment tactics.</i>
Guidance information for assessment	Assessment processes and techniques must be culturally appropriate and appropriate to the oracy, language and literacy capacity of the assessee and the work being performed.

Range Statement

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, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Codes of practice/ standards	Where reference is made to industry codes of practice, and/or Australian/international standards, the latest version must be used.
Context	Site specific response plans must be adhered to. Systems and resources include: • emergency repair equipment and tools, including pipeline repair equipment • emergency response systems • emergency communication systems • work management systems • installation facility and operational layout • Safety Case or Hazard Control Plan management systems. External services and third parties may include: • fire brigade • police • ambulance • air traffic control • emergency services • relevant State or Federal government agency • local councils • shippers and customers • medical establishments • consortium partners • national or international medivac services. Environmental legislative requirements must be adhered to.
Health, safety and environment (HSE)	All operations to which this unit applies are subject to stringent health, safety and environment requirements, which may be imposed through State or Federal legislation, and these must not be compromised at any time. Where there is an apparent conflict between Performance Criteria and HSE requirements, the HSE requirements take precedence.

Unit Sector(s)

Unit Sector	Support/generic
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		
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