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PMAOMIR444 Develop incident containment tactics

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to PMAOMIR444B Develop incident containment tactics

Application

This unit of competency covers the skills and knowledge required to develop tactics to be used in the containment of incidents in on-shore and off-shore facilities.

An incident is an event which causes, or could have caused, injury or illness; damage to plant, material or the environment; disruption to production or public alarm.

An incident is an unintended event, or an unintended consequence of an intended event, such as:

* fire and explosion
* loss of containment
* excursions above/below acceptable limits for emissions or plant conditions
* excursions above occupational hygiene or biological exposure limits
* non-compliance with regulatory requirements
* security breaches
* failure to follow procedures
* complaints
* vehicle incidents
* on/off-site incidents.

This unit of competency applies to incident coordinators, managers, technical specialists or those in similar roles who are part of an incident response team. They may, but may not, have an ongoing role in managing the training and incident exercise system.

They will be required to assess the nature of the potential incident, identify objectives for incident containment, evaluate alternative tactics, analyse and interpret feedback and other information, recommend tactics appropriate to the context, and ensure that documentation and information is available to those who require it.

This unit of competency applies to an individual working alone or as part of an incident management team and working in liaison with other members of the incident management team and the incident manager, as appropriate.

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

Pre-requisite Unit

Nil

Competency Field

Incident readiness and response

Unit Sector

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 **Identify incident containment tactics**	1.1	Identify risk characteristics of the possible incident scenarios
	1.2	Identify specific objectives of incident containment
	1.3	Identify existing tactics
	1.4	Develop a range of alternative tactics
2 **Evaluate tactics**	2.1	Predict incident behaviour and growth under alternative strategy scenarios
	2.2	Consider issues relating to health, safety and environment (HSE)
	2.3	Identify and secure resource requirements for alternative tactics
	2.4	Identify the impact of tactics on a range of factors
	2.5	Identify and clearly document tactics
	2.6	Obtain, collate and record feedback on tactics from stakeholders and incident managers, and ensure this is reflected in the documentation according to procedures
	2.7	Negotiate stakeholder needs and address
3 **Select tactics**	3.1	Document findings and feedback on the suitability of different tactics
	3.2	Recommend preferred tactics according to procedures
	3.3	Document tactics and build into strategies and training

guidelines

4	**Adopt strategies**	4.1	Incorporate documentation on selected tactics into the appropriate incident management manuals
		4.2	Notify stakeholders of new tactics
		4.3	Incorporate selected tactics into incident training exercises

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

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

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

| **Regulatory framework** | The latest version of all legislation, regulations, industry codes of practice and Australian/international standards, or the version specified by the local regulatory authority, must be used, and include one or more of the following:

• legislative requirements, including work health and safety (WHS)
• industry codes of practice and guidelines
• environmental regulations and guidelines
• Australian and other standards
• licence and certification requirements

All operations to which this unit applies are subject to stringent health, safety and environment (HSE) requirements, which may be imposed through state/territory 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. |
| **Incident response** | Incident response includes one or more of the following:

• deployment of site incident response personnel |

- containing/controlling the incident at source and or its spread
- search and rescue operations
- engagement of external emergency services (such as fire, ambulance, rescue and military)
- liaison with other agencies (such as environmental, clean-up and specialised troubleshooters)
- evacuation
- hazard control

Incident response actions must:

- be in accordance with and relevant organisation procedures
- use appropriate response equipment, where required
- prioritise the safety and/or successful recovery of personnel and others affected by the incident response
- **not** inhibit effectiveness of the incident response or further contribute to the incident

Alternative tactics

Alternative tactics are identified through one or both of the following:

- consultation with experts
- literature review

Evaluate tactics

Evaluation of tactics requires consideration of:

- specific incident conditions
- insurance policies and considerations
- economic impact and considerations
- availability, capabilities and operational limitations of external resources and agencies

Preferred tactics

Preferred tactics meet one or more of the following:

- tactics achieve the desired outcomes
- tactic development is of greater value than expected
- adoption of tactics finds widespread approval
- incident containment is a success

Stakeholders

Stakeholders include any or all of the following:

- experts/specialists
- shareholders

- board of directors
- employees
- unions
- contractors
- suppliers
- insurance companies
- local community
- fire brigade
- police
- local emergency management organisations
- medical services
- relevant public authority

Hazards   Hazards include one or more of the following:

- heat, smoke, dust, darkness or other atmospheric hazards
- electricity
- gas
- gases and liquids under pressure
- structural hazards
- structural collapse
- equipment failures
- industrial (machinery, equipment and product)
- equipment or product mass
- noise, rotational equipment or vibration
- plant services (steam, condensate and cooling water)
- limited head spaces or overhangs
- working at heights, in restricted or confined spaces, or in environments subjected to heat, noise, dusts or vapours
- flammability and explosivity
- hazardous products and materials
- unauthorised personnel
- sharp edges, protrusions or obstructions
- slippery surfaces, spills or leaks
- extreme weather
- other hazards that might arise

Identifying risks requires consideration of specific hazards, and:

- what level of harm can occur
- how harm can occur (various chains of events that could result in harm from the hazard)

- the likelihood that harm will occur

Procedures   All operations must be performed in accordance with relevant procedures.

Procedures are written, verbal, visual, computer-based or in some other form, and include one or more of the following:

- emergency procedures
- work instructions
- standard operating procedures (SOPs)
- safe work method statements (SWMS)
- formulas/recipes
- batch sheets
- temporary instructions
- any similar instructions provided for the smooth running of the plant

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=9fc2cf53-e570-4e9f-ad6a-b228ffdb6875