



Australian Government

Department of Education, Employment and Workplace Relations

TLIF3096A Carry out emergency response to a dangerous goods incident

Release: 1

TLIF3096A Carry out emergency response to a dangerous goods incident

Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to carry out an emergency response in the event of a dangerous goods incident, including responding to the incident, controlling and assisting at the site, identifying the product being carried, and completing reports and other required documentation in accordance with regulatory requirements and workplace procedures.

Licensing, legislative, regulatory and certification requirements are applicable to this unit.

Application of the Unit

Work must be carried out in accordance with OH&S codes and regulations and workplace requirements.

Work is performed under limited supervision. It involves the application of regulatory requirements and workplace emergency response procedures when responding to accidents and emergencies.

Licensing/Regulatory Information

Refer to Unit Descriptor.

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. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
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Identify incident response procedures	
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| | <ul style="list-style-type: none">1.1 Company procedures for responding to incidents and emergencies are identified and explained1.2 Procedures for accessing first aid are determined1.3 Relevant personal protective equipment (PPE) is selected and used1.4 Familiarisation with the use of fire safety equipment is demonstrated |
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Respond to the incident	
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| | <ul style="list-style-type: none">2.1 Nature, extent and degree of threat from the incident are assessed in accordance with emergency procedures2.2 Guides for product being carried are located and UN number and shipping/technical name are obtained from available documents2.3 Resources and vulnerability of the situation are analysed2.4 Key people and relevant support agencies are identified and notified of the incident and the product details2.5 Instructions and support are sought from key people and support agencies in accordance with emergency procedures and transport emergency response plan (TERP) |
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Apply emergency strategies	
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| | <ul style="list-style-type: none">3.1 Safety and security procedures are complied with in all actions3.2 PPE is selected and used according to the requirements of the situation in accordance with OH&S and emergency procedures3.3 Welfare of people is guarded and protected as the first priority in any action3.4 Exclusion zone is established around the incident site3.5 Safe access and exit are maintained for emergency services in accordance with emergency procedures and situational analysis3.6 Controls are selected and applied to achieve objectives with minimum damage to people and the environment3.7 Immediate response to threat or danger to people is provided while preserving personal safety in accordance with emergency procedures |
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3.8 Emergency first aid treatment of minor injuries is carried out correctly and details of any treatment administered are reported accurately to incident response leader

Communicate with and complement other personnel

4.1 Effective communication and documentation with key people and support agencies are constantly maintained

4.2 Activities are consistent with the incident response leader's plan of action

4.3 Activities support the work of other key people and support agencies

Monitor the environment and the incident

5.1 Factors that may create or increase risk of injury or damage are constantly assessed and reported to incident response leader

5.2 Hazard controls are monitored to ensure continued effectiveness

5.3 Own and others' health and morale are monitored and maintained

5.4 Changes in conditions and behaviour are identified and reported

Assist with recovery from incident

6.1 Evidence relating to the cause of the incident is preserved and recorded as far as possible

6.2 Appropriate assistance is provided in accordance with emergency procedures

6.3 Emergency equipment is returned to a state of readiness as soon as is reasonably possible

6.4 Debriefings are attended and participated in as appropriate

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills required at the completion of this unit.

Required knowledge:

- Appropriate PPE and clothing
- Concept of dynamic risk assessment
- Emergency equipment operating characteristics, limitations, hazards, precautions, procedures and general care
- General emergency priorities and strategies
- Hazard analysis
- Hazards and the precautions necessary during control activities
- Survival, rescue and recovery procedures
- Tactics for safely handling emergencies involving dangerous goods
- Organisational emergency procedures

Required skills:

- Access and use PPE and clothing safely and effectively under emergency conditions
- Use communication skills during emergencies
- Care for protective clothing and equipment
- Re-stow response equipment

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 section in Section B of the accreditation submission.

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

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of:
 - applying own responsibilities in line with company procedures
 - communicating understanding of own responsibility in control of various incidents until authorities arrive
 - clearly describing an incident

Context of and specific resources for assessment

- Assessment must ensure access to:
 - relevant and appropriate materials and equipment to meet the performance criteria
 - applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended
- In all cases where practical assessment is used it will be combined with targeted questioning to assess required knowledge
- Assessment processes and techniques must be appropriate to the language and literacy capacity of the candidate 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 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.

Company procedures include:	• TERP • standard operating procedures (SOP) • emergency procedures guide (EPG) • emergency information procedure (EIP)
Types of incidents include:	• recovery • in depot • on road • at unloading point
Personal safety measures include:	• gloves • safety headwear and footwear • safety glasses • two-way radios • protective clothing • high visibility clothing • eye wash kit • emergency shutdown controls • evacuation controls
Key people and support agencies include:	• fire brigade/CFA • ambulance • government agencies
Evidence to be preserved or recorded includes:	• workplace documentation • load documentation • details of incident
Applicable legislative procedures and codes include:	• Australian code for the transport of dangerous goods by road or rail: the Australian Dangerous Goods (ADG) Code • relevant state and territory: • roads and traffic authority driving regulations and licence or permit requirements pertaining to operating heavy vehicles on unsealed roads • road rules • OH&S legislation • fatigue management regulations • environmental protection legislation and regulations

Documentation and records include:

- transport regulations as they apply to the enterprise, including local authority regulations and procedures
- workplace policies and procedures
- relevant Australian standards and certification requirements
- relevant internal data entry books, including log books, data sheets and load sheets
- TERP

Unit Sector(s)

Not applicable.

Competency Field

F – Safety Management