



Australian Government

TLIF3096 Carry out emergency response to a dangerous goods incident

Release: 2

TLIF3096 Carry out emergency response to a dangerous goods incident

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package.

- Minor changes to unit Application
- Minor changes to Performance Criteria
- Minor changes to Performance Evidence
- Minor changes to Knowledge Evidence
- Minor changes to Assessment Conditions.

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to carry out emergency response to a dangerous goods incident.

It includes responding to the incident, controlling and assisting at the site, identifying product being carried, and completing reports and other required documentation in accordance with regulatory requirements and workplace procedures.

Work must be carried out in accordance with work health and safety (WHS)/occupational health and safety (OHS) codes of practice and regulations, transport emergency response plan (TERP) 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.

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

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management.

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 Identify incident response procedures	1.1 Workplace TERP for responding to incidents and emergencies is accessed and explained
	1.2 First aid procedures are identified
	1.3 Familiarisation with the use of fire safety equipment is demonstrated
2 Respond to incident	2.1 Nature, extent and degree of incident threat are assessed in accordance with emergency procedures
	2.2 Guides for product being carried are located, and UN number and shipping and/or technical name are obtained from available documents
	2.3 Resources and vulnerability of situation are analysed
	2.4 Key people and relevant support and/or regulatory agencies are identified and notified of incident and product details
	2.5 Instructions and support are sought from key people and support agencies in accordance with emergency procedures and TERP
3 Apply emergency strategies	3.1 Safety and security procedures are complied with in all actions
	3.2 Personal protective equipment (PPE) is selected and used in accordance with requirements of the situation and WHS/OHS and emergency procedures
	3.3 Welfare of people is guarded and protected as the first priority of any action
	3.4 Exclusion zone is established around incident site
	3.5 Safe access and exit are maintained for emergency services in accordance with emergency procedures and situational

		analysis
	3.6	Controls are selected and applied to achieve objectives with minimum damage to people and the environment
	3.7	Immediate response to threat or danger to people is provided while preserving personal safety in accordance with emergency procedures
	3.8	Emergency first aid treatment of minor injuries is carried out correctly and details of treatment administered are reported accurately to incident response leader
4	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 incident response leader's plan of action
	4.3	Work of other key people and support agencies is supported by own actions
5	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
6	Assist with recovery from incident	
	6.1	Evidence relating to incident cause 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 required

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 can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIF3096A Carry out emergency response to a dangerous goods incident.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIF3096 Carry out emergency response to a dangerous goods incident

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and include:

- applying own responsibilities in accordance with workplace and emergency procedures
- collecting evidence of:
 - incident details
 - load documentation
 - workplace documentation
- identifying and describing an incident clearly
- re-stowing emergency equipment
- selecting and using personal protective equipment (PPE) safely and effectively under emergency conditions
- using effective communication skills during emergencies
- using emergency equipment, including:
 - emergency shutdown controls
 - evacuation controls
 - eye wash equipment and safety showers
 - fire-extinguishers
 - spill control equipment
- using PPE and safety measures, including:
 - chemical resistant gloves
 - evacuation controls
 - high visibility clothing and safety vest

- intrinsically safe, full cover protective clothing
- safety glasses
- safety headwear and footwear
- two-way radio.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and include knowledge of:

- applicable legislative and workplace procedures and codes
- appropriate PPE
- current codes, including:
 - Australian Dangerous Goods (ADG) Code
 - Australian Code for the Transport of Explosives by Road and Rail (AE Code)
- documents and records, including
 - emergency information procedure (EIP)
 - emergency procedures guide (EPG)
 - environmental protection legislation and regulations
 - fatigue management regulations
- emergency equipment operating characteristics, limitations, hazards, precautions, procedures and general care
- general emergency priorities and strategies
- hazard analysis techniques
- hazards and precautions necessary during control activities
- survival, rescue and recovery procedures
- tactics for safely handling emergencies involving dangerous goods including:
 - transport emergency response plan (TERP)
 - transport regulations as they apply to the enterprise, including local authority regulations and procedures
 - work health and safety (WHS)/occupational health and safety (OHS) legislation
 - workplace policies and procedures
- workplace emergency procedures, including:
 - relevant Australian Standards and certification requirements
 - relevant internal data entry books, including logbooks, data sheets and load sheets
 - relevant state and/or territory road rules and roads and traffic authority driving regulations and licence or permit requirements for operating heavy vehicles on unsealed roads
 - workplace operating procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and PPE currently used in industry
- applicable documentation, including legislation, regulations, TERP, codes of practice, workplace procedures and operation manuals.

Links

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