



Australian Government

TLIF2012 Apply safe procedures when handling/transporting dangerous goods or explosives

Release: 2

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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 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 apply safe procedures when handling and/or transporting dangerous goods or explosives.

It includes driving vehicle concerned in a safe manner and consulting with relevant authorities and persons in accordance with regulatory requirements.

Work must be carried out in accordance with relevant Australian and state/territory regulations and codes, including current:

- Australian Code for the Transport of Explosives by Road and Rail (AE Code)
- Australian Dangerous Goods (ADG) Code
- Code for the Safe Transport of Radioactive Material.

Work is performed under limited supervision.

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 Operate equipment and/or vehicle in a safe manner	1.1 Job hazards are identified and required actions taken to minimise, control or eliminate identified hazards 1.2 Safety equipment is checked for serviceability and required quantities and types 1.3 Equipment/vehicle is operated safely in accordance with the relevant industry regulations, licence/permit requirements/or standards and as directed by police and/or competent authority 1.4 Safety guidelines and codes of practice are applied in accordance with workplace procedures 1.5 Dangerous goods/explosives/hazardous substances are handled/conveyed in accordance with relevant government regulations and current ADG Code 1.6 Relevant emergency procedures are assessed relative to the dangerous goods/explosives/hazardous substances concerned 1.7 Emergency procedures are instigated in accordance with current ADG Code, relevant codes of practice and government regulations to ensure precautions are taken consistent with directions set out in emergency workplace procedures 1.8 Procedures are implemented to minimise damage to equipment, facilities and the environment, and to minimise injury to personnel
2 Consult with relevant authorities/persons	2.1 Dangerous goods occurrences are reported in specified timeframes to competent authority, fire brigade and/or police using appropriate workplace procedures in accordance with relevant regulatory requirements 2.2 Assistance is provided to competent authority as requested

- 2.3 Other persons within affected emergency area are warned about hazard/s in accordance with workplace procedures, as required
- 2.4 Documentation is completed and proofread in accordance with workplace procedures

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 TLIF2012A Apply safe procedures when handling/transporting dangerous goods or explosives.

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 TLIF2012 Apply safe procedures when handling/transporting dangerous goods or explosives

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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 precautions and required action to minimise, control or eliminate identified hazards
- communicating effectively with others
- completing relevant documentation
- handling/transporting dangerous goods/explosives/hazardous substances safely in accordance with workplace procedures and regulatory requirements
- identifying characteristics and hazards of dangerous goods/explosives/hazardous substances being handled
- identifying, selecting and using appropriate handling/transportation equipment, vehicles, personal protective equipment (PPE) and related procedures
- interpreting and following operational instructions and prioritising work
- interpreting relevant signs, placards, labels and codes
- locating, interpreting and applying relevant information
- modifying activities depending on operational contingencies, risk situations and environments
- operating and adapting to differences in handling and transportation equipment in accordance with workplace procedures
- reading and interpreting relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults, or malfunctions promptly in accordance with regulatory requirements and workplace procedures
- selecting and use required PPE conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards.

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:

- characteristics of various dangerous goods, explosives or hazardous substances and their implications for handling and transport
- compatibility of various types of dangerous goods, explosives or hazardous substances
- emergency management plan
- housekeeping standards and procedures
- relevant Australian and state/territory regulations and codes pertaining to identifying, handling and marking dangerous goods, explosives or hazardous substances, including current Australian Dangerous Good (ADG) Code
- risks and hazards when handling and conveying dangerous goods, explosives or hazardous substances, and related precautions to control the risk
- site layout and obstacles
- WHS/OHS procedures and guidelines for lifting and movement of loads
- workplace incident reporting system and employer responsibility to report incidents to relevant government authority
- workplace procedures for handling and transporting dangerous goods, explosives or hazardous substances.

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, current ADG Code/ Australian Code for the Transport of Explosives by Road and Rail (AE Code), codes of practice, workplace procedures and operation manuals.

Links

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