



Australian Government

TLIA1001 Secure cargo

Release: 2

TLIA1001 Secure cargo

Modification History

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

- Minor change in Application to remove reference to transport and logistics
- Minor statement changes in 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 secure cargo, in accordance with procedures and regulatory requirements, as part of work activities within industry.

It includes preparing to secure cargo/containers, lashing and unlash cargo, protecting cargo from weather and packing and unpacking cargo.

Work is performed under some supervision, generally within a team environment.

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

Pre-requisite Unit

Not applicable

Competency Field

A – Handling Cargo/Stock

Unit Sector

Not applicable

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to secure

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Work area is prepared and maintained, in accordance

cargo/containers	with national standards, safety codes and workplace procedures
	1.2 Unsafe work practices and/or equipment are reported to appropriate personnel
	1.3 Appropriate protective clothing, equipment and fittings are selected
	1.4 Form work is erected where no lashing points exist
	1.5 Lashing plan is read and interpreted
2 Lash and unlash cargo	2.1 Work is conducted, in accordance with industry standards, statutory requirements, safety codes, site operating requirements and any special cargo requirements
	2.2 Lashing points are identified and appropriate fittings and lashing equipment are used for each lashing point
	2.3 Cargo is lashed and secured to lashing points, ensuring the correct spread of lashings and that lashings are secured, attached and tensioned
	2.4 Tensioners are securely fastened
	2.5 When unlash, fittings are released, disconnected and removed from the cargo
	2.6 Lashing equipment is placed in designated storage areas or cleared from work area
	2.7 No injury to personnel or damage to machinery or cargo during lashing/unlashing operations is ensured
	2.8 Lashing is completed, in accordance with lashing plan
3 Protect cargo from weather	3.1 Cargo is covered/uncovered safely ensuring appropriate covering and lashing, no injury to personnel or damage to cargo or equipment
	3.2 Work is conducted, in accordance with the requirements of national standards, safety codes of practice and workplace procedures
4 Pack and unpack cargo	4.1 Damaged cargo is identified and reported, in accordance with enterprise procedures

- 4.2** Cargo is sorted and stacked prior to packing or after unpacking, ensuring the stack is in the correct location, in accordance with national standards, safety codes, and workplace procedures
- 4.3** Cargo is identified through the interpretation of marks or numbers
- 4.4** Tight stow of cargo is maintained
- 4.5** Cargo is handled ensuring no injury to personnel or damage to cargo or equipment

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.

Unit Mapping Information

This unit replaces and is equivalent to TLIA1001A Secure cargo.

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 TLIA1001 Secure cargo

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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 includes

- applying precautions and required action to minimise, control or eliminate hazards that may exist during work activities
- applying relevant legislation and workplace procedures
- communicating effectively with others when securing cargo or freight
- completing documentation related to securing cargo or freight
- identifying cargo, container and goods, coding, Australian Dangerous Goods (ADG) and International Maritime Dangerous Goods (IMDG) markings and where applicable, emergency information panels
- identifying, selecting and using relevant equipment, processes and procedures when securing cargo or freight
- interpreting and following operational instructions and prioritising work
- operating and adapting to differences in cargo handling equipment, in accordance with standard operating procedures
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- reading and interpreting instructions, procedures, information and labels relevant to securing cargo or freight
- selecting and using required personal protective equipment conforming to industry and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) standards
- using lashing and protection equipment
- working collaboratively with others when securing cargo or freight
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

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 includes knowledge of

- Australian and international standards, codes and regulations relevant to securing cargo or freight including ADG and IMDG codes
- cargo marking and numbering systems
- focus of operation of work systems, equipment, management and site operating systems for securing cargo or freight
- problems that may occur when securing cargo or freight and appropriate actions that can be taken to resolve these problems
- procedures for managing and controlling hazardous situations when carrying out work activities
- relevant bond, quarantine or other legislative requirements
- relevant handling and safety codes
- relevant WHS/OHS and environmental procedures and regulations
- workplace procedures and policies for securing cargo or freight.

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

- a range of exercises, case studies or other simulations
- materials, tools and equipment including personal protective equipment used in industry
- documentation including organisational policies and procedures industry standards, regulations, codes of practice and operational manuals.

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