



Australian Government

TLIA4006 Organise and monitor terminal/wharf operations

Release: 1

TLIA4006 Organise and monitor terminal/wharf operations

Modification History

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 organise and monitor terminal or wharf operations in accordance with standards, regulations and workplace requirements, as part of work activities in the stevedoring, transport, distribution and/or allied industries.

It includes organising equipment, machinery and personnel; managing potential risks; monitoring work performance and progress; monitoring the status of pending work; solving problems and making decisions; completing all shift requirements; and preparing for the next shift.

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 Organise equipment, machinery and personnel

PERFORMANCE CRITERIA

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

1.1 Equipment, machinery and personnel are organised to facilitate the safe and efficient loading and unloading of the ship

1.2 Liaison is maintained with supervisors to ensure availability of adequate resources

2 Manage potential risks

- 2.1 Potential hazards are identified, risks are assessed and appropriate controls are implemented in accordance with workplace procedures
- 2.2 Potential risks to safe and efficient operations are removed from work area and/or other arrangements are made to ensure conditions for safe work
- 2.3 Supervisors are advised of potential risks and liaison is maintained until risks have been removed

3 Monitor work performance and progress

- 3.1 Work performance and progress are monitored to ensure work is performed in accordance with established guidelines and procedures, and that safe work practices are maintained
- 3.2 Work methods and procedures are monitored and refined in consultation with supervisors and operational personnel
- 3.3 Work performance rates are monitored and delays are minimised to ensure work program objectives are met
- 3.4 Work practices are monitored to ensure compliance with national standards and safety codes
- 3.5 Environmental conditions are monitored to ensure safe working conditions are maintained

4 Monitor status of pending work

- 4.1 Pending work needs of the ship and the terminal or wharf are identified
- 4.2 Work priorities are determined
- 4.3 Status of pending work is monitored, in order of priority, taking into account the needs of the ship and the terminal or wharf

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIA4006A Organise and monitor terminal/wharf operations.

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 TLIA4006 Organise and monitor terminal/wharf operations

Modification History

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

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of 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
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing documentation related to organising and monitoring terminal and wharf operations
- dealing with internal and external customers
- estimating size, shape and special requirements of loads
- identifying cargo, container and goods, coding, Australian Dangerous Goods (ADG) and International Maritime Dangerous Goods (IMDG) markings and emergency information panels
- identifying, selecting and using relevant equipment, processes and procedures
- implementing contingency plans
- modifying activities depending on operational contingencies, risk situations and environments
- operating and adapting to differences in equipment in accordance with standard operating procedures
- reading and interpreting relevant instructions, procedures, information and labels
- receiving, acknowledging and sending messages with appropriate communications equipment
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using appropriate personal protective equipment conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- working collaboratively with others when organising and monitoring terminal and wharf operations
- 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 of the requirements of the elements and performance criteria and include knowledge of:

- Australian and international standards, codes and regulations relevant to operating terminals or wharves including the ADG and IMDG Codes
- cargo marking and numbering systems
- operational work systems, equipment, management and site operating systems for organising and monitoring terminal or wharf operations
- problems that may occur when organising and monitoring terminal or wharf operations and appropriate action that can be taken to resolve these problems
- relevant bond, quarantine or other legislative requirements
- relevant handling and safety codes
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout of container or cargo terminal or wharf
- workplace procedures and policies for organising and monitoring terminal or wharf operations.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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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 including limited or restricted spaces, exposed conditions and controlled or open environments.

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 include:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools and equipment currently used in industry
- personal protective equipment, including
 - gloves
 - safety headwear and footwear

- safety glasses
- two-way radios
- protective clothing
- high visibility clothing
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.
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Links

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