



Australian Government

TLIA3055 Coordinate terminal/wharf equipment operations

Release: 1

TLIA3055 Coordinate terminal/wharf equipment 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 coordinate terminal/wharf equipment operations in accordance with workplace requirements.

It includes identifying, assessing and 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.

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	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Coordinate equipment, machinery and personnel	1.1 Equipment, machinery and personnel are coordinated to facilitate the safe and efficient loading and unloading of ship and terminal yard, in accordance with operational plan 1.2 Liaison is maintained with supervisors to ensure availability of adequate resources
2 Identify, assess and remove potential risks	2.1 Potential risks are identified and assessed, and appropriate solutions are developed and applied in accordance with workplace procedures and in consultation with supervisors

- 2.2 Potential risks to safe and efficient operations are removed from work area or other arrangements are made to ensure conditions for safe work
- 2.3 Supervisors are advised of potential risks or emergency situations and liaison is maintained until risk has been removed or emergency situation has been alleviated

3 Monitor work performance and progress

- 3.1 Work performance and progress is monitored through an appropriate terminal management system to ensure work is performed in accordance with established guidelines and procedures, and that safe work practices are maintained
- 3.2 Methods and procedures of work are monitored and refined in consultation with supervisors and operational personnel
- 3.3 Work performance rates are monitored through an appropriate terminal management system 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
- 3.6 Operational delays, equipment or maintenance issues are monitored and reported to supervisor in accordance with workplace operational procedures and processes

4 Monitor status of pending work

- 4.1 Status of pending work is monitored, in order of priority, in accordance with needs of ship and terminal/wharf
- 4.2 Issues that will impact on work performance and progress are identified, and plans are amended or work flows are altered to ensure efficiency is maintained throughout operation

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 TLIA3055A Coordinate terminal/wharf equipment 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 TLIA3055 Coordinate terminal/wharf equipment operations

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, 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 relevant documentation
- dealing with internal and external customers
- estimating size, shape and special requirements of loads
- identifying cargo, container and goods, coding, Australian Dangerous Goods (ADG) Code/International Maritime Dangerous Goods (IMDG) Code markings, emergency information panels
- identifying and correctly using relevant equipment
- implementing contingency plans
- maintaining container terminal tracking operations systems efficiently and effectively
- modifying activities depending on operational contingencies, risk situations and environments
- operating and adapting to differences in equipment in accordance with standard operating procedures
- reading, interpreting and following relevant instructions, procedures, information and signs
- 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 (PPE) conforming to industry, work health and safety (WHS)/occupational health and safety (OHS) and Australian standards
- working collaboratively with others
- 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, performance criteria and include knowledge of:

- Australian and international standards, codes and regulations relevant to operating terminals/wharves including the ADG Code and the IMDG Code
- cargo marking and numbering systems
- operational work systems, equipment, management and site operating systems for organising and monitoring terminal/wharf operations
- problems that may occur 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/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 controlled or open environments, exposed conditions and limited or restricted spaces.

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 access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools and equipment currently used in industry
- personal protective clothing and equipment, including:
 - gloves

- high visibility clothing
- protective clothing
- safety glasses
- safety headwear and footwear
- two-way radios.

Links

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