



**Australian Government**

# **TLID0007 Operate specialised load shifting equipment**

**Release: 1**

# TLID0007 Operate specialised load shifting equipment

## 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 operate specialised load shifting equipment in accordance with codes of practice, permits, workplace requirements and relevant regulatory requirements as part of work undertaken in the stevedoring, transport, warehousing and logistics industries.

It includes planning work for current working conditions; using controls and equipment operating systems to manage moving the unit and accessory operations; locating load and identifying load characteristics; moving materials and loads; monitoring and operating controls; and stopping, parking and securing equipment after operation.

Safety checks and equipment tests are 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

D – Load Handling

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

#### **1 Prepare work for current working conditions 1.1**

### PERFORMANCE CRITERIA

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

Hazards are identified, risks assessed and control measures implemented

- |          |                                                      |                                                                                                                                                            |
|----------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <b>1.2</b>                                           | Traffic flow and work area conditions are assessed and adjusted to ensure safe operation                                                                   |
|          | <b>1.3</b>                                           | Load characteristics are taken into account to ensure appropriate attachments/gear are used to move load in accordance with lift plan                      |
|          | <b>1.4</b>                                           | Working load limit (WLL) is calculated                                                                                                                     |
|          | <b>1.5</b>                                           | Occurrences in work area that may impact on safety and efficiency of operations are reported to relevant personnel in accordance with workplace procedures |
| <b>2</b> | <b>Operate specialised loading equipment</b>         |                                                                                                                                                            |
|          | <b>2.1</b>                                           | Equipment is inspected and configured in accordance with manufacturer specifications, prepared and appropriate attachments are fitted                      |
|          | <b>2.2</b>                                           | Gear and operational levers are checked to ensure they are in neutral position prior to inserting ignition key and starting engine                         |
|          | <b>2.3</b>                                           | Engine is started in accordance with manufacturer guidelines to bring engine up to speed                                                                   |
|          | <b>2.4</b>                                           | Instruments and gauges are monitored to ensure operation is within manufacturer specifications and workplace procedures                                    |
|          | <b>2.5</b>                                           | Engine power is managed to ensure efficiency of equipment movement and economy of equipment operations                                                     |
|          | <b>2.6</b>                                           | Equipment operations are conducted in accordance with manufacturer specified torque range                                                                  |
|          | <b>2.7</b>                                           | Faults or damage to equipment are immediately reported to relevant personnel in accordance with workplace procedures                                       |
| <b>3</b> | <b>Locate load and identify load characteristics</b> |                                                                                                                                                            |
|          | <b>3.1</b>                                           | Load is located and identified in accordance with workplace procedures                                                                                     |
|          | <b>3.2</b>                                           | Loading and unloading plans are followed to ensure efficiency and safety of operations                                                                     |
|          | <b>3.3</b>                                           | Load characteristics are taken into account to ensure appropriate loading and unloading workplace procedures are followed                                  |

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|----------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <b>3.4</b>                            | Hazardous goods are identified and relevant procedures are taken into account when planning and conducting work                                                        |
|          | <b>3.5</b>                            | Load characteristics, weight and dimensions are checked to ensure lifting capacity is not exceeded                                                                     |
| <b>4</b> | <b>Move materials and loads</b>       |                                                                                                                                                                        |
|          | <b>4.1</b>                            | Equipment is manoeuvred and positioned using smooth and controlled movements                                                                                           |
|          | <b>4.2</b>                            | Movements are made within equipment limits and in accordance with manufacturer specifications                                                                          |
|          | <b>4.3</b>                            | Materials are moved ensuring no injury to personnel or damage to equipment or goods                                                                                    |
| <b>5</b> | <b>Monitor and operate controls</b>   |                                                                                                                                                                        |
|          | <b>5.1</b>                            | Equipment controls are operated and monitored in accordance with manufacturer operating instructions                                                                   |
|          | <b>5.2</b>                            | Control systems are interpreted and acted on in accordance with manufacturer guidelines and workplace procedures                                                       |
|          | <b>5.3</b>                            | Control faults are identified and reported in accordance with workplace procedures                                                                                     |
| <b>6</b> | <b>Shut down and secure equipment</b> |                                                                                                                                                                        |
|          | <b>6.1</b>                            | Equipment is brought to a controlled halt in accordance with manufacturer guidelines                                                                                   |
|          | <b>6.2</b>                            | Equipment is shut down without injury to personnel or damage to equipment, loads or facilities in accordance with company procedures                                   |
|          | <b>6.3</b>                            | Equipment is secured on a flat, even surface, clear of doorways, aisles, access ways or blind corners in accordance with securing procedures for appropriate equipment |
|          | <b>6.4</b>                            | Problems, faults or malfunctions are reported and/or rectified in accordance with regulatory requirements and 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.

## Unit Mapping Information

This unit replaces and is equivalent to TLID2012 Operate specialised load shifting equipment.

## Links

Companion Volume Implementation Guides are found in VETNet -

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