



Australian Government

TLID1002 Shift a load using manually-operated equipment

Release: 1

TLID1002 Shift a load using manually-operated 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 shift loads using manually-operated mechanical equipment in compliance with the relevant work health and safety (WHS)/occupational health and safety (OHS) regulation within the transport and logistics industry.

It includes assessing the risks associated with relocating the load, planning the relocation process, carrying out the relocation with the aid of the equipment in accordance with the plan and refurbishing the equipment and worksite.

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

D - Load Handling

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Assess risks associated with relocating load

PERFORMANCE CRITERIA

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

1.1 Products, goods or materials to be relocated are identified and assessed for the appropriate relocation method

1.2 Storage location is determined

1.3 Routes to be followed are identified

- 1.4 Points of balance are estimated
- 1.5 Effect of moving contents, which may be loose, liquid, dangerous or hazardous, are considered
- 1.6 Risks in potential route/s are considered
- 1.7 Lifting equipment to minimise potential risks is identified
- 1.8 Appropriate personal protective equipment is determined and worn
- 1.9 Tools, load shifting equipment and other materials are selected and checked for serviceability and defects are reported to supervisor

2 Plan load relocation

- 2.1 Load is examined to determine condition, length, bulk and weight
- 2.2 Load shifting equipment is selected in accordance with workplace procedures
- 2.3 Safe procedures for using lifting equipment are identified, including the calculation of safe working load (SWL) and/or working load limit (WLL) for weight of goods to be moved
- 2.4 Process for relocating load is proposed including predicting and planning for potential difficulties
- 2.5 Proposed process is checked against relevant code of practice and workplace procedures for compliance
- 2.6 Lifting equipment and accessories are checked for safe operation in accordance with manufacturer's instructions and workplace procedures
- 2.7 Personal protective equipment is selected and worn in accordance with WHS/OHS requirements

3 Relocate load

- 3.1 Unsafe equipment is reported to appropriate personnel in accordance with workplace procedures
- 3.2 Load is broken down, where applicable, to allow handling and moving a number of single items to ensure the maximum weight of 500 kg is not exceeded
- 3.3 Mechanical aids and field machines are constructed, when required, by the approved shifting method, so the load can be shifted in accordance with job instructions

- 3.4 Safe working limits for lifting equipment are identified and maintained
 - 3.5 Planned process and route are followed using equipment within necessary range of limitations
 - 3.6 Relocated materials are set down without damage to goods, personnel or equipment and are checked for stability
 - 3.7 Relocation is checked to see it meets work requirements and variances are reported
- 4 Refurbish equipment and worksite**
- 4.1 Site is cleaned and cleared of debris and unwanted material
 - 4.2 Field machines, tools and equipment are cleaned, inspected, serviced, maintained and stored in accordance with standard procedures
 - 4.3 Documentation is completed in accordance with standard 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLID1002A Shift a load using manually-operated equipment.

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 TLID1002 Shift a load using manually-operated equipment

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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 and performance criteria on at least one occasion and include:

- applying precautions and required action to minimise, control or eliminate hazards that may exist when shifting loads using manually-operated equipment
- communicating and working effectively with others when using manually-operated equipment to shift loads
- completing documentation related to work activities
- identifying load limits for lifting
- identifying manual operating equipment and their capabilities
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and prioritising work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with standard operating procedures
- reading and interpreting instructions, procedures, information and signs relevant to shifting loads using manually-operated equipment
- relocating a load safely
- reporting and/or rectifying identified problems promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- 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:

- housekeeping standards and procedures
- method for splicing and maintaining cordage and SWL
- problems that may arise when using manually-operated equipment to shift loads, and actions that should be taken to prevent or solve these problems
- relevant knots and lashings
- relevant WHS/OHS procedures and guidelines concerning the use of manually-operated equipment to shift loads
- relevant slings and securing devices
- risks when using manually-operated equipment to shift loads, and related precautions to control these risks
- site layout and obstacles
- workplace procedures and policies for shifting goods and materials using manually-operated equipment.

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 processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

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.

Resources for assessment include:

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