



Australian Government

TLIW2025 Dock boards on mechanical feeds

Release: 1

TLIW2025 Dock boards on mechanical feeds

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 dock boards using mechanical feed systems in accordance with regulations and workplace procedures as part of pallet manufacturing processes in the transport and logistics industry.

It includes preparing for docking with a mechanical feed, cutting boards on mechanical feed, monitoring and rectifying processing operations and completing operations.

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

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

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations

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 Prepare for docking with mechanical feed	1.1 Appropriate work health and safety (WHS)/occupational health and safety (OHS) and other regulatory procedures are followed 1.2 Hazards are identified, risks are assessed and control measures are implemented 1.3 Job requirements regarding sizes and lengths acceptable for further processing are identified from order forms/workplace

standards

1.4 Start-up checks are completed in accordance with workplace procedures

1.5 General cross-section, length and condition of boards on conveyor is visually assessed in accordance with workplace quality standards

1.6 Typical docking/cutting patterns are identified

1.7 Communication with supervisor and other workers is maintained to ensure efficient workflow

2 Cut boards on mechanical feed

2.1 Individual boards are assessed and optimal docking/cutting pattern is identified

2.2 Boards are positioned and saw/s are operated to produce selected cutting pattern

2.3 Swollen ends of boards are removed

2.4 Cuts are made to required lengths

2.5 Cuts are made to required grade

2.6 Faults/problems with materials or componentry are identified and appropriate action is taken in accordance with workplace procedures

2.7 Reject boards are identified and marked or removed

3 Monitor and correct processing

3.1 Feed systems are regularly monitored for material flow problems

3.2 Dimensions and finish of cut boards are regularly checked in accordance with workplace standards

3.3 Characteristics of blunt and damaged saws are recognised

3.4 Saw blades are removed and replaced in accordance with workplace standard procedures

3.5 Area around saw is regularly cleaned in accordance with workplace procedure

4 Complete operations

4.1 Machine shut down is conducted in accordance with workplace and manufacturer guidelines

4.2 Boards are relocated to holding area without damage to

boards, personnel or equipment

4.3 Waste materials are directed for disposal or recovery

4.4 Production records are completed in accordance with workplace procedures

4.5 Maintenance program is completed as required and recorded

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 TLIW2025A Dock boards on mechanical feeds.

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 TLIW2025 Dock boards on mechanical feeds

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 and performance criteria on at least one occasion and include:

- adapting to differences in materials and equipment in accordance with operating procedures
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- carrying out visual inspection of board quality to relevant Australian Standards
- communicating and working effectively with others
- identifying and correctly using relevant equipment
- maintaining machinery including saw blade quality and sharpness
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and prioritising work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- planning own work, predicting consequences and identifying improvements
- reading, interpreting and following relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions 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:

- documentation and record requirements
- equipment used for docking boards using mechanical feed processes and the precautions and procedures that should be followed in its use
- housekeeping standards and procedures
- operational work systems, equipment, management and site operating systems for docking boards using mechanical feed processes
- problems that may occur and appropriate action that can be taken to resolve these problems
- regulations and Australian Standards relevant for docking boards using mechanical feed processes
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- workplace procedures and policies for docking boards using mechanical feed processes.

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.

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
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

Links

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