



**Australian Government**

# **TLIW2024 Dock boards using computer programmed machinery**

**Release: 1**

# TLIW2024 Dock boards using computer programmed machinery

## 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 computer programmed machinery, in accordance with regulations and workplace procedures and specifications as part of pallet manufacturing processes in the transport and logistics industry.

It includes preparing and operating computer-programmed machinery to dock boards to specifications, monitoring and rectifying processing operations as required, and completing operations in accordance with workplace requirements.

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

Elements describe the essential outcomes.

#### **1 Prepare computer programmed machinery to dock boards**

### PERFORMANCE CRITERIA

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

- 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 are obtained from 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 are visually assessed in accordance with workplace quality standards
- 1.6 Program to cut requirements is selected from a range of available programs
- 1.7 Program is loaded and machine cycle is checked
- 1.8 Need for new programs is identified and reported to supervisor
- 1.9 Communication with supervisor and other workers is maintained to ensure efficient workflow
- 2 Operate programmed machinery to dock boards**
  - 2.1 Trial boards are cut to check process and output
  - 2.2 Machinery is operated to dock timber to specification
  - 2.3 Reject boards are identified and directed for disposal or recovery
  - 2.4 Faults/problems with materials or componentry are identified and appropriate action is taken in accordance with workplace procedures
- 3 Monitor and rectify processing operations as required**
  - 3.1 Dimensions and finish of cut boards are regularly checked in accordance with workplace standard procedures
  - 3.2 Sawing process is adjusted to maintain accurate sizing
  - 3.3 Feed systems are regularly monitored for material flow problems
  - 3.4 Minor feed problems are cleared in accordance with equipment manufacturer instructions
  - 3.5 Characteristics of blunt and damaged saws are recognised and appropriate action is taken to rectify identified problem/s in accordance with workplace procedures
  - 3.6 Saw blades are removed and replaced in accordance with workplace procedures

- 3.7 Work area is regularly cleaned in accordance with workplace procedures
- 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 in accordance with 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.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to TLIW2024A Dock boards using computer programmed machinery.

## 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 TLIW2024 Dock boards using computer programmed machinery

## 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 and working effectively with others
- implementing contingency plans
- monitoring and prioritising work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with operating procedures
- 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 computer programmed machinery 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 computer programmed machinery
- problems that may occur and appropriate action that can be taken to resolve these problems
- regulations and Australian Standards relevant for docking boards using computer programmed machinery
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- workplace procedures and policies for docking boards using computer programmed machinery.

## 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.

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

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

Companion Volume implementation guides are found in VETNet -

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

