



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