



Australian Government

TLIW2022 Manufacture pallets using automated methods

Release: 1

TLIW2022 Manufacture pallets using automated methods

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 manufacture pallets using automated methods in accordance with regulations and workplace requirements in the transport and logistics industry.

It includes planning the production of pallets, setting up pallet production equipment, operating an automated pallet manufacturing plant 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 Plan pallet production

PERFORMANCE CRITERIA

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

1.1 Job requirements are identified from order form, workplace instructions and/or job specifications

1.2 Hazards are identified, risks are assessed and control measures are implemented

1.3 Appropriate safety and shut-down procedures are

followed

1.4 Automated equipment is organised to produce required pallets in accordance with job specifications

1.5 Communication with supervisor and other workers is maintained to ensure efficient work flow

2 Set up pallet production

2.1 Start-up checks are completed in accordance with workplace and manufacturer guidelines

2.2 Appropriate workplace, work health and safety (WHS)/occupational health and safety (OHS) and other regulatory procedures are followed

2.3 Bearers and boards are inspected for compliance with workplace quality standards

3 Operate automated pallet manufacturing equipment

3.1 Bearers and boards are loaded into stack trays in accordance with correct quantity/sequence

3.2 Feed systems are maintained and monitored for correct work flow

3.3 Machine componentry is monitored to ensure appropriate speed and operation

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

3.5 Pallet quality is checked prior to removal from stacker

4 Complete operations

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

4.2 Waste materials are directed for disposal or recovery

4.3 Production records are completed in accordance with workplace procedures

4.4 Maintenance program is completed and recorded as required

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 TLIW2022A Manufacture pallets using automated methods.

Links

Companion Volume implementation guides are found in VETNet -

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