



**Australian Government**

# **TLIW2023 Manufacture pallets using manual methods**

**Release: 1**

# TLIW2023 Manufacture pallets using manual 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 manual methods, in accordance with regulations and workplace requirements in the transport and logistics industry.

It includes planning the production of pallets, setting up manual pallet production processes, undertaking manual production of pallets 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

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 Pallet design is identified from order in accordance with workplace procedures
- 1.2 Components are identified from drawings or instructions
- 1.3 Number of components and quantity of timber necessary to complete order are calculated

- 1.4 Arrangements are made for supply and cutting of boards and components
  - 1.5 Pallet assembly jig is selected to suit pallet design
  - 1.6 Brand requirements are identified from drawings or instructions and suitable stencils are selected
  - 1.7 Hazards are identified, risks are assessed and control measures are implemented
  - 1.8 Communication with supervisor and other workers is maintained to ensure efficient workflow
- 2 Set up pallet production**
- 2.1 Appropriate work health and safety (WHS)/occupational health and safety (OHS) and other regulatory procedures are followed
  - 2.2 Personal protective equipment is selected and worn
  - 2.3 Equipment and components are brought to assembly area
  - 2.4 Components are inspected for compliance with workplace quality standards
  - 2.5 Paint and painting equipment is prepared and tested
- 3 Undertake manual pallet production**
- 3.1 Components are checked for fit to assembly jig and a trial pallet is constructed to specifications in accordance with workplace procedures
  - 3.2 Trial pallet is checked for conformity in accordance with workplace quality standards
  - 3.3 Required number of pallets is constructed in accordance with workplace procedures
  - 3.4 Faults/problems with equipment or components are identified and appropriate action is taken
  - 3.5 Pallets are painted and stencilled to order in accordance with work specifications
- 4 Complete operations**
- 4.1 Pallets are inspected and located to holding area without damage to pallet, personnel or equipment
  - 4.2 Off-cuts, rejected boards and waste materials are directed for waste or recovery in accordance with workplace policy and procedures
  - 4.3 Equipment is maintained and stored in designated areas

4.4 Documentation is completed 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 TLIW2023A Manufacture pallets using manual methods.

## **Links**

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>