



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	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Plan pallet production	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>

Assessment Requirements for TLIW2023 Manufacture pallets using manual methods

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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 in accordance with relevant Australian Standards
- communicating and working effectively with others
- identifying and correctly using relevant equipment
- maintaining tools and equipment used in the manufacture of pallets using manual methods
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and prioritising work activities in terms of planned schedule
- 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
- housekeeping standards and procedures
- operational work systems, equipment, management and site operating systems for manufacturing pallets using manual methods
- problems that may occur and appropriate action that can be taken to resolve these problems
- regulations relevant for manufacturing pallets using manual methods
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- tools and equipment used for manufacturing pallets using manual methods and the precautions and procedures that should be followed in their use
- workplace procedures and policies for manufacturing pallets using manual methods.

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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