



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

Assessment Requirements for TLIW2022 Manufacture pallets using automated methods

Modification History

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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 automated pallet manufacturing machinery
- 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
- equipment used for manufacturing pallets using automated methods 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 manufacturing pallets using automated methods
- problems that may occur and appropriate action that can be taken to resolve these problems
- regulations relevant for manufacturing pallets using automated methods
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- workplace procedures and policies for manufacturing pallets using automated 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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