



Australian Government

TLIW2017 Cut and join materials

Release: 1

TLIW2017 Cut and join materials

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 cut and join materials for pallet manufacture in accordance with workplace requirements in the transport and logistics industry.

It includes planning, undertaking and completing the cutting/joining process.

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 cutting/joining process

PERFORMANCE CRITERIA

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

- 1.1 Process and materials to be used are identified
- 1.2 Manufacturer instructions and workplace procedures for cutting/joining task are read and followed in the planning process
- 1.3 Hazards are identified, risks are assessed and control measures are implemented

- 1.4 Safety precautions for self, equipment and work areas appropriate for tasks are identified
- 1.5 Work sequence is planned, noting appropriate curing/cooling times, efficient work sequence and quality specification requirements
- 1.6 Allowances for wastage and/or joining overlaps are checked in workplace documentation and manufacturer instructions
- 2 Undertake cutting/joining process**
 - 2.1 Equipment and consumables are assembled
 - 2.2 Equipment and site are checked for safety
 - 2.3 Adjustments and settings are made to suit materials, manufacturer instructions and workplace procedures
 - 2.4 Materials to be cut or joined are positioned and secured
 - 2.5 Cutting/joining process is undertaken in accordance with selected method of operation
 - 2.6 Finished materials are checked for conformity to quality/workplace standards
 - 2.7 Faults/problems with materials or componentry are identified and action is undertaken in accordance with workplace procedures
- 3 Complete cutting/joining process**
 - 3.1 Finished materials are directed to storage area or next production stage
 - 3.2 Waste materials are directed for disposal or recovery
 - 3.3 Equipment is maintained and stored in designated area
 - 3.4 Workplace documentation and records are completed 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 TLIW2017A Cut and join materials.

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 TLIW2017 Cut and join materials

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

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
- communicating and working effectively with others
- identifying, selecting and using relevant materials and equipment efficiently and effectively
- 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 cutting and joining materials as part of pallet production 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 cutting and joining materials as part of pallet production
- problems that may occur and appropriate action that can be taken to resolve these problems
- regulations relevant to cutting and joining materials as part of pallet production including requirements of relevant Australian Standards
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- workplace procedures and policies for cutting and joining materials as part of pallet production.

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.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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

Companion Volume implementation guides are found in VETNet -

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

