



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>