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

<table>
<thead>
<tr>
<th>ELEMENTS</th>
<th>PERFORMANCE CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elements describe the</td>
<td>Performance criteria describe the performance needed to demonstrate achievement of the element.</td>
</tr>
<tr>
<td>essential outcomes.</td>
<td></td>
</tr>
<tr>
<td>1 Plan pallet production</td>
<td>1.1 Job requirements are identified from order form, workplace instructions and/or job specifications</td>
</tr>
<tr>
<td></td>
<td>1.2 Hazards are identified, risks are assessed and control measures are implemented</td>
</tr>
<tr>
<td></td>
<td>1.3 Appropriate safety and shut-down procedures are</td>
</tr>
</tbody>
</table>
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 -