



Australian Government

TLIW2018 Operate hand held air/power equipment for pallet production processes

Release: 1

TLIW2018 Operate hand held air/power equipment for pallet production processes

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 operate hand held air/power equipment for pallet production processes in accordance with regulations and workplace requirements in the transport and logistics industry.

It includes identifying equipment and power requirements, setting up equipment, completing pre-use checks, operating hand held air and/or power equipment, and storing equipment appropriately after use.

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 Identify equipment and power requirements

PERFORMANCE CRITERIA

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

1.1 Equipment for drilling, cutting and grinding is identified and matched to work applications

1.2 Power and air supplies are identified for voltage, amperage, air pressure, lubrication and water separation

- 1.3 Hazards are identified, risks are assessed and control measures are implemented
- 1.4 Emergency shut-down procedures are identified and followed as required
- 1.5 Appropriate workplace procedures and personal protective equipment are identified and used
- 2 Set up equipment and complete pre-use checks**
 - 2.1 Equipment settings, accessories and consumables are checked for appropriate condition
 - 2.2 Manufacturer or workplace instructions for equipment are read and used to inform work practices
 - 2.3 Equipment is set up for required production process
 - 2.4 Equipment is checked through full operating range required for task
- 3 Operate hand held air/power equipment**
 - 3.1 Equipment is operated in accordance with manufacturer and/or workplace instructions
 - 3.2 Appropriate consumables including cooling and lubricating fluids are used as required
 - 3.3 Provision is made to deal with waste, off-cuts and other by-products
 - 3.4 Production techniques appropriate to task are followed to meet required outcome
 - 3.5 Finished materials are checked for conformity to quality/workplace standards
 - 3.6 Faults/problems with materials or equipment are identified and appropriate action is taken in accordance with workplace procedures
- 4 Store equipment appropriately**
 - 4.1 Finished materials are directed to storage area or next production stage
 - 4.2 Equipment is cleaned prior to storage
 - 4.3 Equipment that is damaged, unserviceable or requiring service is tagged and appropriate steps are taken to arrange repair
 - 4.4 Storage areas are maintained appropriately

4.5 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 TLIW2018A Operate hand held air/power equipment for production processes.

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 TLIW2018 Operate hand held air/power equipment for pallet production processes

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 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 to relevant Australian Standards
- communicating and working effectively with others
- identifying, selecting and using air and power equipment efficiently and effectively
- maintaining air and power equipment
- 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 operational instructions, procedures and information
- 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:

- housekeeping standards and procedures
- operational work systems, equipment, management and site operating systems for operating hand held air and power equipment as part of pallet manufacturing processes
- problems that may occur and appropriate action that can be taken to resolve these problems
- production workflow during pallet production
- regulations relevant for operating hand held air and power equipment as part of pallet manufacturing processes
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- types of hand held air and power equipment used in pallet manufacturing processes and the precautions and procedures that should be followed in their use
- workplace procedures and policies for operating hand held air and power equipment as part of pallet manufacturing processes.

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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