



Australian Government

TLIB4081 Provision a motive power unit

Release: 2

TLIB4081 Provision a motive power unit

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor terminology changes in Performance Criteria
- Minor statement changes in Assessment Conditions.

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 provision a motive power unit prior to it entering service.

It includes checking fuel, oil, water and sand levels, and replenishing them as required; restocking consumables; general housekeeping and completing documentation as required.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance.

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Check and replenish fuel, oil, water and

PERFORMANCE CRITERIA

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

1.1 Motive power unit is positioned and secured at required service point in accordance with workplace requirements

sand levels

- 1.2** Hazards are identified, risks are assessed and risk control measures are implemented
- 1.3** Fuel, oil, water and sand levels are checked in accordance with manufacturer and/or workplace procedures
- 1.4** Fuel, oil, water and sand levels are replenished, as required, in accordance with manufacturer and workplace procedures
- 1.5** Equipment is used in accordance with manufacturer and workplace procedures
- 1.6** Faults and/or deficiencies are identified and reported to relevant personnel

2 Check and restock consumables

- 2.1** Consumables are checked for availability and serviceability
- 2.2** Replacement consumables are acquired in accordance with workplace procedures
- 2.3** Faults and/or deficiencies are identified and reported to relevant personnel

3 Carry out general housekeeping

- 3.1** Rubbish is removed and disposed of in accordance with workplace policies and procedures
- 3.2** Relevant areas of motive power unit are cleaned in accordance with workplace policies and procedures
- 3.3** Cleaning materials are utilised in accordance with safety data sheets (SDS)/material safety data sheets (MSDS) and/or manufacturer instructions and workplace policies and procedures
- 3.4** Faults and/or deficiencies are identified and reported to relevant personnel
- 3.5** Documentation is completed in accordance with workplace policies and procedures

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.

Unit Mapping Information

This unit replaces and is equivalent to TLIB4081A Provision a motive power unit.

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 TLIB4081 Provision a motive power unit

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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:

- checking and replenishing consumables in accordance with safety data sheets (SDS)/material safety data sheets (MSDS) and/or manufacturer instructions and workplace operational procedures
- checking logbook and service records
- conducting general housekeeping
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following workplace operational instructions
- reading and interpreting relevant instructions, workplace procedures, information, signs, symbols and diagrams.

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:

- potential faults and/or deficiencies
- relevant motive power unit terminology and layout
- relevant rail danger zones
- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS), and environmental procedures and regulations
- relevant workplace procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training

Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within 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 must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.

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