



Australian Government

Assessment Requirements for TLIB3123

Apply awareness of motive power unit fundamentals

Release: 2

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Modification History

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

- Minor statement changes in Knowledge Evidence
- 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.

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:

- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- identifying motive power unit types including:
 - air/vacuum systems
 - auxiliary equipment
 - control systems
 - cooling and lubricating systems
 - electrical systems
 - mechanical systems
 - safety system equipment and their operations.

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:

- fundamentals of:
 - electrical components
 - mechanical equipment
 - railway terminology
 - track layout
- relevant work health and safety (WHS)/occupational health and safety (OHS), and

- environmental procedures and regulations
- relevant workplace and/or operational procedures
- types of motive power units including:
 - air/vacuum systems
 - auxiliary equipment
 - control systems
 - cooling and lubricating systems
 - electrical systems
 - mechanical systems
 - safety system equipment and their operations.

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 rail 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.

Links

Companion Volume Implementation Guides are found in VETNet -

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