



Australian Government

Assessment Requirements for TLIC4026 Operate and monitor a motive power unit

Release: 1

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Modification History

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:

- adapting to differences in motive power units and associated equipment and procedures
- applying handling techniques and track and road knowledge in accordance with workplace procedures
- communicating effectively and maintaining appropriate levels of communication with appropriate personnel
- completing relevant documentation
- identifying and responding different types of signals, including fixed and hand signals and verbal commands
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- implementing contingency plans
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring motive power unit performance
- operating electronic communications equipment to required protocol
- reading and interpreting relevant instructions, procedures, information and signs
- recognising problems that may arise when operating and monitoring a motive power unit, and taking appropriate action
- reporting problems and carrying out repairs (depending on level and extent of work required), or isolating and tagging faulty equipment and advising appropriate personnel of fault and need for repair or replacement
- selecting and using required personal protective clothing and equipment conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- working collaboratively with others.

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:

- applicable state/territory legislated rail safety requirements, relevant codes of practice and/or guidelines
- braking and safety system procedures
- emergency procedures
- motive power unit controls, instruments and indicators and their purpose, location and use
- operating controls to start, accelerate, decelerate and stop a motive power unit
- procedures and required protocol for operating electronic communications equipment
- procedures for adjusting controls to maximise efficient and safe running
- procedures for identifying equipment defects and assessing them for appropriate action
- procedures for managing safety incidents and hazardous situations
- procedures for minor maintenance, cleaning, lubricating and servicing a motive power unit
- procedures for operating and monitoring a motive power unit
- procedures for operating and monitoring ancillary equipment on a motive power unit
- relevant rail danger zones
- relevant safeworking systems
- relevant WHS/OHS and environmental procedures and regulations
- requirements for communicating and working collaboratively with relevant personnel
- requirements for completing relevant documentation during and after operating and monitoring a motive power unit
- speed and load limits for a motive power unit
- track and road
- train schedules, motive power unit allocation and operational instructions
- typical faults that can occur on a motive power unit and related action that should be taken for repair, isolation, replacement, reporting and recording of the faulty equipment
- workplace procedures and operating requirements.

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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Practical assessment must occur in an appropriate range of situations in the rail corridor

workplace.

A simulator assessment is not suitable for the final assessment of this unit of competency

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
- relevant and appropriate materials, tools, equipment and personal protective equipment 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>