



Australian Government

Assessment Requirements for TLIC0020 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 working collaboratively with others
- completing relevant documentation
- identifying and responding to different types of signalling systems, including fixed and hand signals and verbal commands
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- 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 actions
- 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 equipment (PPE) conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards.

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:

- ancillary equipment on a motive power unit operating and monitoring procedures
- applicable state/territory legislated rail safety requirements, relevant codes of practice and/or

guidelines

- braking and safety system procedures
- documentation required during and after operating and monitoring a motive power unit
- electronic communications equipment procedures and required protocol, including safety critical communications protocols
- identifying equipment defects and assessing them for appropriate actions or procedures
- managing safety incidents and hazardous situations procedures, including emergency response procedures
- minor maintenance, cleaning, lubricating and servicing procedures
- motive power unit controls, instruments and indicators and their purpose, location and use
- motive power unit operating procedures
- operating controls to start, accelerate, decelerate and stop a motive power unit, including adjusting controls to maximise efficient and safe running procedures
- rail danger zones
- signalling system including fixed, in-cab, hand signals, verbal movement commands and/or Automatic Train Protection/Control (ATP/C) equipment
- speed and load limits for a motive power unit
- system of safeworking
- track and road characteristics
- train schedules, motive power unit allocation and operational instructions
- typical faults that can occur on a motive power unit and related actions that should be taken for repair, isolation, replacement, reporting and recording of the faulty equipment
- WHS/OHS and environmental procedures and regulations
- workplace procedures and operating requirements.

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.

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 must include access to:

- relevant and appropriate materials, tools, equipment and 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>