



Australian Government

**Assessment Requirements for TLIC4023
Operate train with due consideration of
route conditions**

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:

- applying route knowledge to train operations
- communicating effectively with others including using fixed and hand signals, and train communications equipment
- completing relevant documentation
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring train performance and its security to facilitate optimum safe operation
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with standard operating procedures
- reading and interpreting relevant instructions, procedures, route information and signs
- reporting and/or rectifying identified problems that may occur promptly, in accordance with regulatory requirements and workplace procedures
- working collaboratively with others
- 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:

- applicable state/territory legislated rail safety requirements, relevant codes of practice and/or guidelines
- braking and safety system procedures
- driving procedures
- motive power unit controls, instruments and indicators and their purpose, location and use
- motive power unit systems and equipment including monitoring devices, braking and drive equipment, ancillary systems and signalling systems
- procedures for adjusting controls to maximise efficient and safe running
- procedures for complying with speed and load limits
- procedures for identifying and/or anticipating route problems and related action that can be taken
- procedures for managing hazardous situations
- procedures for operating ancillary systems
- procedures for operating controls to start, accelerate, decelerate and stop
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- route information including track/bridge limitations, speed limitations, gauge limitation, curves and gradients, curfews, location of signals and crossings, emergency cross-overs, end of safeworking system locations, stations and platforms, abnormal weather conditions along route, track work along route, reports of accidents or breakdowns along route, yard and siding layouts and typical problems that can occur along a train route
- safe operational procedures and techniques for optimising efficiency, minimising wear and tear on rolling stock and motive power units
- 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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Assessment must occur in workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate rail corridor 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

- 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>