



Australian Government

**Assessment Requirements for TLIS4007
Decommission mechanical signalling
infrastructure and interlocking equipment
from service**

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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 equipment in accordance with operating procedures
- applying relevant legislation and workplace procedures
- applying repair and testing practices and procedures
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- modifying, adjusting and testing remaining equipment correctly
- monitoring work activities in terms of planned schedule
- reading and interpreting relevant instructions, procedures, information, technical data and drawings
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with regulatory requirements and workplace procedures
- using hand and power tools
- using test equipment and testing techniques
- 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
- fault diagnosis, fault rectification and problem solving
- hazards that may exist when decommissioning mechanical signalling infrastructure equipment and interlocking equipment from service, and ways of controlling the risks involved
- limitations and characteristics of mechanically operated signalling equipment
- principles of signalling
- problems that may occur when decommissioning mechanical signalling infrastructure equipment and interlocking equipment from service, and action that can be taken to report or resolve these problems
- rail industry standards for decommissioning mechanical signalling infrastructure equipment and interlocking equipment from service
- relevant rail danger zones
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- relevant recording and documentation procedures
- repair techniques
- testing and measuring procedures
- workplace procedures for decommissioning mechanical signalling infrastructure equipment and interlocking equipment from service.
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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, rail industry standards, 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>