



Australian Government

Assessment Requirements for TLIB3053 Maintain mechanical signalling locking and interlocking devices

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 relevant workplace procedures
- applying relevant test procedures
- communicating effectively with others
- completing relevant documentation
- 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
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with operating procedures
- operating mechanical signalling equipment
- reading and interpreting relevant instructions, procedures, information and signs
- repairing and replacing mechanical locking and interlocking equipment
- reporting and/or rectifying identified problems, faults or malfunctions promptly , in accordance with regulatory requirements and workplace procedures
- selecting and using hand, portable, power and air tools
- using chemicals, solvents and lubricants in accordance with safety data sheets (SDSs)/material safety data sheets (MSDSs) and/or manufacturer instructions and organisational 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
- contents of technical specifications and manuals
- documentation/authorisation processes and procedures
- fault detection techniques
- hazards that may exist when repairing and adjusting mechanical locking and interlocking signalling equipment, and ways of controlling the risks involved
- mechanical fitting techniques
- organisational procedures
- principles of railway signalling, particularly those dealing with mechanical locking and interlocking equipment
- problems that may occur when repairing and adjusting mechanical locking and interlocking signalling equipment, and action that can be taken to report or resolve these problems
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- SDSs/MSDSs, manufacturer instructions and workplace procedures for repairing and adjusting mechanical locking and interlocking signalling equipment.

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 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, rail industry standards, SDSs/MSDSs, regulations, codes of practice and operation manuals.
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Links

Companion Volume implementation guides are found in VETNet -

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