



Australian Government

Assessment Requirements for TLIS3009 Install 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:

- adapting to differences in equipment in accordance with operating procedures
- applying relevant legislation and workplace procedures
- assembling interlinking components
- checking and confirming compliance with operational specifications
- 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
- reading and interpreting relevant instructions, procedures, information, technical data and drawings
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with workplace procedures
- testing and adjusting close tolerance mechanically operating equipment when installing mechanical signalling locking and interlocking devices
- using hand, portable, power and air tools in accordance with workplace procedures
- working collaboratively with others when installing mechanical signalling locking and interlocking devices
- 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 finding techniques
- hazards that may exist when installing mechanical signalling locking and interlocking devices, and ways of controlling the risks
- machining techniques
- safety data sheets (SDSs)/material safety data sheets (MSDSs)
- mechanical fitting techniques
- problems that may occur when installing mechanical signalling locking and interlocking devices and action that can be taken to report or resolve these problems
- rail industry standards for installing mechanical signalling locking and interlocking devices
- relevant mechanical theory and principles
- 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
- workplace procedures for installing mechanical signalling locking and interlocking devices.

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>