Assessment Requirements for TLIC4071 Establish and operate train braking system

Release: 2

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Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor terminology changes in Performance Criteria
- Minor terminology changes in Performance Evidence
- Minor terminology changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

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 rail safety practices and workplace procedures
- assessing brake system defects
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following operational instructions and prioritising work
- interpreting capabilities of train braking systems
- modifying activities depending on operational contingencies, risk situations and environments
- modifying driving in accordance with brake capabilities and characteristics
- operating and adapting to differences in brakes and related equipment in accordance with workplace operating procedures
- reading and interpreting relevant instructions, procedures, information and signs
- reporting identified problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- 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:

- brake systems, their components and their operation
- capabilities and characteristics of train braking systems
- diagnostic and/or fault-finding techniques
- documentation and information requirements
- pneumatic systems and their operations
- releasing train brakes after emergency application in accordance with workplace policies and procedures
- relevant environmental protection legislation, regulations, codes of practice, policies and procedures
- relevant rail safety, state/territory legislated rail safety requirements, rail industry standards, rules, codes of practice and/or guidelines
- relevant WHS/OHS legislation, regulations, codes of practice, policies and procedures
- tools and equipment applications
- types of brake tests and their purpose.

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.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur 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 access to:

- a range of relevant exercises, case studies and/or simulations
- 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