



Australian Government

TLIB3018 Conduct full train examination

Release: 2

TLIB3018 Conduct full train examination

Modification History

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

- 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.

Application

This unit involves the skills and knowledge required to conduct a full train examination in accordance with workplace procedures and the requirements of relevant safeworking regulations and codes of practice.

It includes preparing for a train examination, preparing a train for examination, examining rolling stock, examining loads, and documenting and actioning examination results.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.

Work is performed under some supervision, generally within a team environment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance.

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to

essential outcomes.

demonstrate achievement of the element.

1 Prepare for examination

- 1.1** Train consist and information on load detail is established for examination purposes
- 1.2** Location for full train examination is confirmed and relevant personnel are notified of examination
- 1.3** Customer defect notices/carded wagon information is established for examination purposes
- 1.4** Materials and equipment required to conduct full train examination are prepared
- 1.5** Hazards are identified, risks are assessed and risk control measures are implemented
- 1.6** Work health and safety (WHS)/occupational health and safety (OHS) requirements applicable to the examination are confirmed
- 1.7** Relevant train documentation is accessed and reviewed to establish key information on rolling stock required for examination, as required

2 Prepare train for examination

- 2.1** Applicable safety device or system is used to ensure train is isolated or secured for examination
- 2.2** Road is locked out using appropriate techniques to ensure safety during examination
- 2.3** Flags, banners, signs and other relevant safety equipment are positioned before and during examination to ensure safety is maintained

3 Examine rolling stock

- 3.1** Types of rolling stock and capacities are confirmed as appropriate for the safe transportation of passengers or freight
- 3.2** Brake systems are checked, all brake tests are conducted and certificates are issued, as required
- 3.3** Structure of rolling stock and major components are checked and tested to ensure operational safety
- 3.4** Rolling stock is carded and information is recorded in organisational system
- 3.5** Train irregularities are noted and corrective actions initiated in accordance with operational requirements

- 3.6 End-of-train monitor is attached and correct operation confirmed
 - 3.7 WHS/OHS legislation, codes of practice, policies and procedures are observed during the examination to prevent injury and damage
 - 3.8 Communication is maintained with other personnel involved to ensure safe, efficient and complete examination
- 4 Examine loads**
 - 4.1 Load security is checked and confirmed that it meets operational safety requirements
 - 4.2 Load contamination is identified and rectified in accordance with WHS/OHS and dangerous goods requirements
 - 4.3 Load dimensions are confirmed appropriate to wagon type and checked against documentation for accuracy
- 5 Document and action examination results**
 - 5.1 Documentation is completed and forwarded for recording examination results and initiating corrective actions, as required
 - 5.2 Relevant personnel are informed of remedial or appropriate action required prior to resumption of train service

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to TLIB3018A Conduct full train examination.

Links

Companion Volume Implementation Guides are found in VETNet -

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

Assessment Requirements for TLIB3018 Conduct full train examination

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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:

- assessing rolling stock defects
- communicating effectively with others
- completing relevant documentation
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- 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 electronic communications equipment to required protocol
- reporting and/or rectifying 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 individually and as part of a team
- 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:

- communications protocols
- emergency response procedures
- rail network standards and specifications for items requiring examination during a full train examination
- relevant rail danger zones
- relevant safety, WHS/OHS, and environmental procedures and regulations
- signals and signalling systems
- train movement documentation procedures
- workplace procedures for conducting a full train examination.

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 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 must 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, rail industry standards, codes of practice and operation manuals.

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