



Australian Government

TLIB3021 Conduct train roll-by inspection

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.

Application

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

It includes preparing to carry out a roll-by inspection of a moving train, inspecting a moving train in accordance with workplace procedures, and reporting and/or actioning inspection 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 without supervision, generally within a team environment. It involves the application of operational principles, regulations, safeworking codes, protocols and procedures when conducting a roll-by inspection of a moving train, as part of workplace activities across a variety of operational contexts within the Australian rail industry.

Inspecting condition of rolling stock and load may involve:

- air and electrical connections
- bearings
- brake equipment
- dangerous goods condition and separation
- draw gear
- load condition (damage, leaks)
- load securing devices (chains, ropes, pins)
- locking and securing devices
- out-of-gauge conditions
- superstructures
- trailing items (ropes, hoses)
- wheels.

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

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for train roll-by inspection

2 Conduct a roll-by inspection of a moving train

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1 Documentation and other relevant reports are read and clarified as required to confirm inspection requirements
- 1.2 Individual responsibilities required to complete roll-by inspection are agreed with relevant personnel as required
- 1.3 Hazards are identified, risks are assessed and risk control measures are implemented
- 1.4 Position is taken for roll-by inspection at planned time to ensure complete observation without personal risk
- 1.5 Conditions are assessed and necessary actions are taken to ensure roll-by inspection is effective
- 2.1 Train identification and status is confirmed
- 2.2 Train hazards are identified, risks are assessed and risk control measures are implemented
- 2.3 Condition of rolling stock and load are systematically observed as train passes and specific faults are identified and noted
- 2.4 Communication is maintained with relevant personnel to ensure safe, efficient and complete roll-by inspection
- 2.5 Inspection is conducted in accordance with work health and safety (WHS)/occupational health and safety (OHS) workplace policies and procedures to prevent injury and damage

- 2.6 Faults requiring urgent action are noted and appropriate action is taken to initiate immediate response to minimise risk from continued movement of train
- 3 Report and action roll-by inspection results**
- 3.1 Reports of inspections are completed to reflect inspection results
- 3.2 Appropriate personnel are informed of faults or defects requiring rectification
- 3.3 Records are circulated and filed in accordance with workplace policies and procedures
- 4 Report on-train roll-by inspection results**
- 4.1 Outcomes of on-train roll-by inspections are transmitted to appropriate personnel
- 4.2 Records of on-train roll-by inspections are made in accordance with workplace policies and procedures

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.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIB3021A Conduct train roll-by inspection.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>