



**Australian Government**

# **TLIB3021 Conduct train roll-by inspection**

**Release: 2**

# TLIB3021 Conduct train roll-by inspection

## 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 train roll-by inspection in accordance with workplace procedures and the requirements of relevant system of safeworking, rules, 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, system of 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 and leaks)
- load securing devices (chains, ropes and pins)
- locking and securing devices
- out-of-gauge conditions
- superstructures
- trailing items (ropes and 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

Rail sector.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

#### **1 Prepare for train roll-by inspection**

**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 Conduct a roll-by inspection of a moving train**

**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.

## **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>