



Australian Government

TLIB3129A Conduct pre-movement checks on rolling stock

Release 1

TLIB3129A Conduct pre-movement checks on rolling stock

Modification History

Release 1 - New unit of competency

Unit Descriptor

This unit involves the skills and knowledge required to conduct pre-movement checks on rolling stock in accordance with relevant workplace practices, regulations and codes of practice.

It includes conducting pre-movement checks, moving and stabling the rolling stock in accordance with organisational requirements.

Licensing or certification requirements are not applicable to this unit.

Application of the Unit

This unit applies to people required to carry out these activities as part of a maintenance role within a defined location.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

- 1 Carry out pre-movement checks**
 - 1.1 Allocation of rolling stock is checked in conjunction with appropriate personnel
 - 1.2 Rolling stock to be inspected and prepared is located
 - 1.3 Completion of all maintenance activities is confirmed
 - 1.4 Checks for safety controls are conducted in accordance with organisational procedures
 - 1.5 Internal and external integrity checks are conducted in accordance with organisational procedures
 - 1.6 Where required, fluid levels are checked and appropriate action is taken as required

- 2 Move rolling stock**
 - 2.1 Rolling stock is shunted in accordance with manufacturer instructions and/or organisational procedures, and any faults are recognised, diagnosed, reported and recorded in appropriate records for follow-up
 - 2.2 For critical or serious equipment faults that cannot be readily rectified, rolling stock shunt is halted, faulty equipment isolated and tagged, and problem is reported for rectification
 - 2.3 Functionality of equipment is interpreted to confirm effective air and electrical operation, and where a problem is indicated, action is taken to determine the cause and to rectify or report the situation
 - 2.4 Where required, fluid levels are rechecked after starting and appropriate action is taken if required

- 3 Stable rolling stock**
 - 3.1 Correct clearances for stabling location are confirmed
 - 3.2 Rolling stock is secured in accordance with organisational procedures
 - 3.3 Where required, personal or equipment lockouts are applied in accordance with organisational procedures
 - 3.4 Where applicable, appropriate documentation is completed in accordance with organisational procedures

Required Skills and Knowledge

This section describes the knowledge and skills required for this unit.

Required knowledge:

- Procedures for managing and controlling hazardous situations when preparing and starting up rolling stock
- Relevant occupational health and safety (OH&S) and environmental procedures and relevant regulations
- Requirements for completing relevant documentation when inspecting and preparing rolling stock

Required skills:

- Adapt to differences in rolling stock and associated equipment and procedures
- Communicate effectively with others when inspecting and preparing rolling stock
- Document outcomes of inspecting rolling stock
- Interpret and follow instructions and prioritise work
- Modify activities depending on differing operational contingencies, risk situations and environments
- Read and interpret instructions, procedures, information and signs relevant to visually inspecting and preparing rolling stock
- Work collaboratively with others inspecting and preparing rolling stock

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:
 - the required knowledge and skills
 - relevant legislation and workplace procedures
 - other relevant aspects of the range statement
- Assessment must include exercises which demonstrate competent performance of the following in a range of situations:
 - identifying who is responsible for authorising the movement of rolling stock
 - identifying all activities carried out prior to moving rolling stock
 - identifying rolling stock stabling requirements

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
- In both real and simulated environments, access is required to:
 - relevant and appropriate materials and equipment, and
 - applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests
- Practical assessment must occur:
 - through activities in an appropriately simulated environment, and/or
 - in an appropriate range of situations in the workplace

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Rolling stock may include:

- freight wagons
- passenger cars
- railcars
- track maintenance equipment

Inspecting rolling stock may include:

- lights
- couplings
- doors and door locks
- springs
- brake equipment
- wheels
- seals
- electrical cables
- glass windows and doors
- audible faults (e.g. hiss of escaping air)
- visible faults (e.g. oil leaks, tears and cracks)

Relevant personnel may include:

- train crews
- train controllers and signallers
- depot coordinators
- yard masters, supervisors
- contractors
- third parties
- maintenance personnel
- cleaning personnel

Unit Sector(s)

Not applicable.

Competency Field

B – Equipment Checking and Maintenance