



Australian Government

TLIB4079A Conduct a general train examination

Release 1

TLIB4079A Conduct a general train examination

Modification History

Release 1. This is the first release of this unit.

Unit Descriptor

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

Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

This unit includes preparing for the examination, undertaking a general train examination including rolling stock integrity, components and loading, and reporting the examination results.

This unit applies to train drivers required to conduct a general train examination.

Licensing/Regulatory Information

Refer to Unit Descriptor.

Pre-Requisites

Nil

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

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| 1 Prepare for a general train examination | <ul style="list-style-type: none">1.1 Location of examination and information about items to be examined are obtained and activities are planned1.2 Materials, documentation and equipment required for the examination are identified, obtained and prepared for use1.3 Examination is started at planned time and location to minimise delays to train availability1.4 Train identification and status is confirmed and required actions are taken to ensure train remains safe for duration of examination1.5 Individual responsibilities required to complete examination are agreed with relevant personnel1.6 Conditions are assessed and necessary actions are taken to ensure examination is effective |
| 2 Undertake general train examination | <ul style="list-style-type: none">2.1 Examination is undertaken in accordance with organisational procedures2.2 Communication is maintained with relevant personnel to ensure safe, efficient and complete examination2.3 Condition of rolling stock, couplings and, if applicable, load are examined and dimensions are confirmed appropriate to wagon type and gauge outline requirements2.4 Irregularities and, if applicable, load contamination are identified and appropriate action is taken in accordance with organisational and/or network owner policies and procedures2.5 Obvious wagon or carriage faults and their locations are reported in accordance with organisational policies and procedures2.6 Apparent problems are investigated further and corrected where possible |
| 3 Report examination results | <ul style="list-style-type: none">3.1 Conditions requiring urgent action are reported in accordance with organisational policies and procedures, and appropriate action is taken to initiate immediate response3.2 Relevant personnel are informed of any remedial or other action required prior to completion of examination |

Required Skills and Knowledge

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

Required knowledge:

- Communication protocols related to the examination of a stationary train
- Contingency management processes
- Emergency procedures
- Guidelines relating to equipment capability and limitations
- Organisational policies and procedures for conducting a general train examination
- Relevant Australian Standards
- Relevant commonwealth and state/territory environmental protection regulations
- Relevant legislated rail safety requirements including state and territory acts and regulations, and nationally approved compliance codes and/or guidelines
- Relevant work health and safety (WHS)/occupational health and safety (OHS) procedures and regulations including codes of practice for manual handling
- Standards and specifications for all items requiring examination

Required skills:

- Apply precautions and required action to minimise, control or eliminate hazards that may exist during work activities
- Modify activities depending on operational contingencies, risk situations and environments
- Operate and adapt to differences in equipment in accordance with standard operating procedures
- Read and interpret instructions, procedures, information and signs relevant to conducting a general train examination
- Report and/or rectify any identified problems, faults or malfunctions identified during a general train inspection in accordance with regulatory requirements and organisational procedures
- Select and use required personal protective equipment conforming to industry and WHS/OHS standards
- Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment

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 competence in this unit must be relevant to and satisfy all of the requirements of the Elements, Performance Criteria, Required Skills, Required Knowledge and include:

- required knowledge and skills
- relevant legislation and organisational procedures
- other relevant aspects of the range statement.

Context of and specific resources for assessment

Performance is demonstrated consistently over time and in a suitable range of contexts.

Resources for assessment include access to:

- 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 organisational 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.

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| Locations for examination may include: | <ul style="list-style-type: none">• sidings• terminals• yard |
| Information may include: | <ul style="list-style-type: none">• brake test certification• conditions of service, legislation and industrial agreements including workplace agreements and awards• consist forms• dangerous goods manifest• driver's advice (train load)• equipment operations manuals• inspection reports• legislated rail safety requirements including state/territory Acts and regulations, and nationally approved compliance codes and/or guidelines• load and weight records• mechanical condition advice forms• organisational procedures and instructions, and job specifications• out-of-gauge documents• repair cards and books• transport instructions• wagon cards |
| Items to be examined may include: | <ul style="list-style-type: none">• air and electrical connections• bearings• bogie and associated equipment• brake equipment• coupler connections and associated equipment• doors and or/ hatches• draw gear• frame or superstructure• load condition (damage, leaks etc.)• load securing devices (chains, ropes, pins etc.)• locking and securing devices• out-of-gauge conditions• steps, handrails and handbrakes• trailing items (ropes, hoses etc.)• wheels and axles |
| Documentation may | <ul style="list-style-type: none">• brake test certification |

- include:
- consignment cards
 - dangerous goods documentation
 - defect cards
 - inspection reports
 - load and weight records
 - organisational procedures and instructions
 - out of gauge documentation
 - timetables
 - train consist
- Relevant safety equipment may include:
- derailleurs
 - flags
 - lighting
 - isolation lockout protection process equipment
 - personal safety tag
 - signals
 - warning signs
- Relevant equipment may include:
- appropriate tools
 - end of train marker or monitor
 - job specific personal protective equipment
 - portable radio
 - road vehicle
 - torch/hand lamp
- Relevant personnel may include:
- additional train examiners
 - customers
 - maintenance personnel
 - train controllers
 - train crews
 - other operational personnel
- Personal protective equipment may include:
- gloves
 - hearing protection
 - high visibility clothing
 - insect repellent
 - safety:
 - footwear
 - glasses
 - headwear
 - sunglasses
 - sunscreen
- Organisational procedures may include:
- company procedures
 - enterprise procedures
 - established procedures

- workplace procedures

Unit Sector(s)

Not applicable.

Competency Field

B – Equipment Checking and Maintenance