



Australian Government

Department of Education, Employment and Workplace Relations

TLIC3047A Stable electric passenger train

Release: 1

TLIC3047A Stable electric passenger train

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to stable an electric passenger train in accordance with safeworking and regulatory requirements and workplace procedures. This includes conducting pre-stabling checks, stabling an electric passenger train and conducting post-stabling checks in accordance with workplace requirements. Licensing or certification requirements are not applicable to this unit.

Application of the Unit

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Persons achieving competence in this unit will need to fulfil the applicable legislated state rail safety requirements together with any nationally approved compliance codes and/or guidelines.

Work is generally performed without supervision and within a team environment. It involves the application of routine operational principles and procedures to stable electric passenger trains as part of workplace activities across a variety of operational contexts within the Australian rail system.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills 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

ELEMENT	PERFORMANCE CRITERIA
1 Conduct pre-stabling checks	1.1 Train stabling requirements are confirmed through workplace documents and/or relevant personnel 1.2 Location safety requirements are identified and followed according to workplace procedures
2 Stable electric passenger train	2.1 Train is shunted and/or stabled in accordance with workplace instructions and procedures 2.2 If required, communication protocols are established and performed according to workplace requirements 2.3 On arrival at stabling location, the train is secured and the brakes cut out/isolated 2.4 Visual inspection of the train is conducted in accordance with workplace requirements
3 Conduct post-stabling checks	3.1 Post-operational checks of the train are conducted in accordance with workplace procedures 3.2 If required, problems and defects are identified and reported/rectified in accordance with workplace procedures, regulatory requirements and manufacturers instructions 3.3 If required, safety devices are activated or put in position to ensure the safety of personnel and equipment 3.4 If required, reporting/documentation is completed in accordance with workplace procedures

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Relevant safety, OH&S and environmental procedures and regulations
- Operational instructions including shut-down procedures
- Procedures for operating electronic communications equipment with required protocol
- Procedures for pre- and post-stabling operational checks
- Procedures for carrying out terminus checks
- Procedures to be followed in the event of an emergency
- Train controls, instruments and indicators and their purpose, location and use
- Yard or siding information including layout, entry and exit requirements and emergency

REQUIRED KNOWLEDGE AND SKILLS

procedures

Required skills:

- Communicate effectively with others when stabling an electric passenger train
- Read and interpret instructions, procedures, information and signs relevant to work activities
- Interpret and follow operational instructions and prioritise work
- Complete documentation related to stabling an electric passenger train, if required
- Operate electronic communication equipment to required protocol
- Work collaboratively with others when stabling an electric passenger train
- Promptly report and/or rectify any identified problems, faults or malfunctions when stabling an electric passenger train in accordance with regulatory requirements and workplace procedures
- Implement contingency plans for unexpected events when stabling an electric passenger train
- Respond appropriately to abnormal situations, safety incidents and emergencies
- Apply precautions and required action to minimise, control or eliminate hazards that may exist during work activities
- Monitor and anticipate operational hazards and take appropriate action
- Modify activities to cater for variations in workplace contexts and environment
- Work systematically with required attention to detail without injury to self or others, or damage to equipment
- Operate and adapt to differences in equipment in accordance with standard operating procedures
- Select and use required personal protective equipment conforming to industry and OH&S standards
- Carry out required pre-stabling, stabling and post-stabling checks of train

Evidence Guide

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 underpinning knowledge and skills

EVIDENCE GUIDE

- 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:
 - carrying out pre-stabling checks correctly
 - stabling in a number of locations including sidings and depots/yards
- 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**
 - Assessment of this unit must be undertaken by a registered training organisation
 - As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests
 - Practical assessment must occur:
 - in an appropriate range of situations in the workplace

Range Statement

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.

- Operations may be conducted:
- by day or night
 - in all weather conditions

RANGE STATEMENT

Safety devices may include:	• hand/park brakes • chocks • derailleurs
Stabling locations and characteristics may include:	• yards/depots • sidings • platforms • workshops
Relevant personnel may include:	• train controllers • train examiners • maintenance personnel • those providing operational assistance • train crews • cleaners • contractors
Communication protocols may include but are not limited to:	• general safety • emergency messages • sending and receiving messages • identification • standard radio terms • phonetic alphabet • spoken figures
Communications equipment may include but is not limited to:	• hand-held or portable radio equipment • fixed radio equipment • mobile phones
Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:	• company procedures • enterprise procedures • organisational procedures • established procedures
Information/documents may include:	• operational instructions, protocols, policies and procedures, including: • pre- and post-operation and terminus inspection procedures • procedures to prevent trains from moving unintentionally or against safeworking rules • track speed, length and limitations • procedures for monitoring and complying with signals within yards or sidings • train log or record book • train running sheets • procedures/instructions for dealing with emergencies or

RANGE STATEMENT

- abnormal situations
- specified operating limits for trains
 - local instructions
 - communication equipment procedures
 - equipment operation manuals and maintenance specifications
 - conditions of service, legislation and industrial agreements including workplace agreements and awards
- Applicable regulations, legislation and codes may include:
- relevant state/territory codes of practice and safeworking system requirements
 - relevant Australian Standards and related requirements including AS 4292
 - relevant state/territory OH&S legislation
 - relevant state/territory environmental protection legislation

Unit Sector(s)

Not Applicable

Competency Field

Competency Field C - Vehicle Operation