



Australian Government

TLIF4110A Respond to abnormal situations and emergencies when driving a train

Release 1

TLIF4110A Respond to abnormal situations and emergencies when driving a train

Modification History

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

This unit replaces and is equivalent to TLIF4021A Respond to train-driving emergencies and abnormal situations.

Unit Descriptor

This unit involves the skills and knowledge required to respond to abnormal situations and emergencies when driving a train, in accordance with regulatory requirements, relevant codes of practice and organisational procedures.

It includes identifying and responding to abnormal situations and emergencies when driving a train, arranging follow-on support and assistance, and communicating with personnel and passengers in accordance with organisational procedures and relevant safeworking requirements.

Licensing or certification requirements are not applicable to this unit.

Application of the Unit

People achieving competence in this unit will need to fulfil the legislated rail safety requirements including applicable state and territory acts and regulations, and nationally approved compliance codes and/or guidelines.

Work is generally performed without supervision and within a team environment. It involves the application of organisational procedures and regulatory requirements when responding to abnormal situations and emergencies when driving a train, as part of work activities in a range of contexts across the Australian rail system. must be carried out in compliance with the relevant regulations and workplace procedures concerning action to be taken in an emergency, fire or accident.

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

1 Identify abnormal situations and emergencies

- 1.1 Abnormal situations and emergencies when driving a train are identified, assessed and prioritised in accordance with workplace emergency response plans and safeworking requirements and procedures
- 1.2 Implications of abnormal situations and emergencies when driving a train are evaluated in accordance with workplace requirements, and safeworking requirements and procedures
- 1.3 Options for reporting abnormal situations and emergencies when driving a train and/or taking action are considered in accordance with organisational procedures and regulatory requirements
- 1.4 Relevant personnel are alerted to abnormal situations and emergencies when driving a train in accordance with workplace operating and emergency procedures and plans
- 1.5 Communications are maintained with relevant personnel to determine appropriate course of action

2 Respond to abnormal situations

- 2.1 Abnormal situations when driving a train are responded to in accordance with organisational procedures, received instructions from relevant personnel, regulatory requirements and emergency response plan where relevant
- 2.2 Responsibilities are fulfilled in accordance with organisational procedures, and safeworking and/or regulatory requirements
- 2.3 Assistance is provided to relevant personnel as required
- 2.4 Information is provided to relevant personnel as requested in accordance with regulatory and organisational procedures

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| 3 Respond to emergencies | <p>3.1 Emergency situations are responded to in accordance with organisational procedures, received instructions from relevant personnel, regulatory requirements and emergency response plan where relevant</p> <p>3.2 Emergencies are handled appropriately in accordance with established response plan and within limits of own responsibility and duty of care</p> <p>3.3 Responsibilities are fulfilled in accordance with organisational procedures, emergency response plan and safeworking and/or regulatory requirements</p> <p>3.4 Assistance is provided in controlling site prior to and following arrival of emergency services as required</p> <p>3.5 Assistance is provided to other staff and emergency service personnel conducting initial survey of scene as requested</p> <p>3.6 Directions of controlling emergency authority are followed and all possible assistance is provided in response to those directions</p> <p>3.7 Information is provided to relevant emergency service personnel as requested in accordance with regulatory and organisational procedures</p> |
| 4 Communicate with staff and/or passengers | <p>4.1 Staff and/or passengers are provided with relevant, appropriate and timely advice about abnormal situation or emergency</p> <p>4.2 Instructions are provided to relevant personnel and/or passengers in accordance with organisational procedures, consistent with the nature of abnormal situation or emergency</p> <p>4.3 Evacuation procedures for personnel and/or passengers are explained and/or applied as required, in accordance with organisational procedures</p> <p>4.4 Customer service and safety needs arising from abnormal situations and emergencies are identified and acted upon in accordance with regulatory and workplace requirements</p> |
| 5 Follow incident reporting procedures | <p>5.1 Incident reports are completed accurately in accordance with regulatory requirements and organisational procedures</p> <p>5.2 Incident reports are processed in accordance with regulatory requirements and organisational procedures</p> |

Required Skills and Knowledge

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

Required knowledge:

- Emergency procedures
- Focus of operation of work systems, equipment, management and site operating systems when responding to abnormal situations and emergencies when driving a train
- Hazards that may occur that can lead to emergencies, and related hazard control strategies
- Organisational procedures and policies for identifying and responding to abnormal situations and emergencies when driving a train
- Problems that may occur when responding to abnormal situations and emergencies when driving a train and action that can be taken to resolve these problems
- Relevant Australian and international regulations and codes of practice for the transport of dangerous goods and hazardous substances
- Relevant documentation and reporting requirements
- Relevant environmental protection legislation, procedures and guidelines
- Relevant information/documents such as:
 - agent/supplier/customer instructions and advice in the case of freight
 - communication equipment procedures and protocols
 - conditions of service, legislation and industrial agreements including workplace agreements and awards
 - dangerous goods declarations and safety data sheets (SDS)/material safety data sheets (MSDS)
 - equipment operation manuals and maintenance specifications
 - manifests, goods identification numbers and codes, including the Australian Dangerous Goods (ADG) Code and International Maritime Dangerous Goods (IMDG) markings, and HAZCHEM signs
 - operations manuals, job specifications and induction documentation
 - organisational procedures and policies for identifying and responding to abnormal situations and emergencies when driving a train
 - procedures and policies for the management of emergencies and abnormal situations, including the relevant emergency response plan where applicable
 - quality assurance and customer service standards and procedures including passenger comfort and on-time running standards
 - train timetables and schedules
- 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) legislation, procedures and guidelines
- Relevant workplace relations regulations

Required skills:

- Communicate effectively with others when responding to abnormal situations and emergencies when driving a train
- Complete documentation and reports related to abnormal situations and emergencies when driving a train
- Operate and adapt to differences in equipment in accordance with standard operating procedures
- Operate electronic communication equipment to required protocol
- Select and use relevant communications and other equipment when identifying and responding to abnormal situations and emergencies when driving a train
- Select and use required personal protective equipment conforming to industry and WHS/OHS standards
- Work collaboratively with others when responding to abnormal situations and emergencies when driving a train
- 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 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:

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

Assessment must include exercises that demonstrate competent performance of the following in a range of situations:

- identifying abnormal situations and emergencies when driving a train
- identifying possible responses to identified abnormal situations and emergencies when driving a train
- communicating effectively with relevant personnel when responding to abnormal situations and emergencies when driving a train.

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
- 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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| Trains may include: | <ul style="list-style-type: none"> • freight trains • heavy haul • passenger |
| Work may be conducted: | <ul style="list-style-type: none"> • by day or night • in a range of work environments • on track owned and maintained by different organisations |
| Abnormal situations may include: | <ul style="list-style-type: none"> • assault on passengers and/or personnel • incorrect information or failure in communications • faulty safeworking equipment: <ul style="list-style-type: none"> • motorised or manually operated points • non operating signals or indicators • locomotive failure • passenger caught in self-closing doors • passenger initiated alarm/false alarm • pedestrians crossing the track • railway technology failure • track obstructions • wheel slip and uncontrolled slide |
| Emergencies may include: | <ul style="list-style-type: none"> • bomb threats • chemical spills • collision with: <ul style="list-style-type: none"> • infrastructure • person • train • vehicle • derailments • fire and explosion • flooding/wash away • passenger emergency • suicide on track |
| Hazards that can lead to emergency situations may include: | <ul style="list-style-type: none"> • contact with: <ul style="list-style-type: none"> • human and/or biological waste • infectious and contagious diseases • self-closing doors • sharp objects • syringes and drugs |

- faulty or out of specification track
 - faulty rolling stock or motive power units
 - handling of hot food and equipment
 - handling, storage and carriage of dangerous goods and other hazardous substances
 - sudden and unexpected movement of rolling stock/infrastructure
- Relevant personnel may include:
- maintenance personnel
 - network owners
 - passengers
 - signals staff
 - station staff
 - those providing operational assistance
 - train controllers
 - train examiners
- Consultative processes may include:
- affected customers
 - emergency services
 - industrial relations and WHS/OHS specialists
 - official representatives
 - other employees, supervisors and managers
 - relevant authorities and institutions
 - union representatives
- Communication in the work area may include:
- electronic data interchange (EDI)
 - mobile/satellite phone
 - oral, aural or signed communications
 - radio
 - radio frequency (RF) systems
- Emergency services may include:
- ambulance
 - Defence
 - fire services
 - medical services
 - police
 - rescue services
 - security services
 - state/territory emergency services
- Personal protective equipment may include:
- end of train markers
 - flags
 - gloves
 - hand lamps
 - hearing protection
 - high visibility clothing
 - safety:

- Organisational procedures may include:
- devices
 - footwear
 - glasses
 - headwear
 - sunglasses
 - sunscreen
 - two-way radios
 - company procedures
 - enterprise procedures
 - established procedures
 - workplace procedures

Unit Sector(s)

Not applicable.

Competency Field

F – Safety Management