



Australian Government

TLIC0016 Identify and respond to signals and trackside signs

Release: 1

TLIC0016 Identify and respond to signals and trackside signs

Modification History

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 identify, interpret and respond to fixed and/or on board signals, control systems and trackside signs in accordance with rail network owner and/or workplace policies and procedures.

It includes identifying and responding to running signals, indicators, shunting signals and subsidiary signals; interpreting and responding to trackside signs; and reporting defective or irregular signals or trackside signs.

This unit is suitable for rail safety workers who are required to identify and respond to trackside and/or on board signals control and supervisory system and signs as part of their job role. They may be working within a rail operational or infrastructure environment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation.

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify and respond to running signals and

PERFORMANCE CRITERIA

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

1.1 Types and functions of running signal and indicators are identified in accordance with network owner procedures

indicators	1.2 Indications and aspects displayed by running signals and indicators are identified and interpreted
	1.3 Hand signals and/or track warning signals are interpreted and followed in accordance with system of safeworking, rail network owner requirements and workplace procedures
	1.4 Rail traffic speed and movement is controlled appropriate to the indication displayed by the running signal, or indicator or Automatic Train Protection/Control (ATP/C), or other equipment/system
	1.5 Illegal or irregular indications or aspects displayed by running signals or indicators are identified and appropriate actions are taken
2 Identify and respond to shunting signals and subsidiary signals	2.1 Types and functions of shunting signals and subsidiary signals are identified in accordance with network owner workplace procedures
	2.2 Indications displayed by shunting signals and subsidiary signals are identified and interpreted
	2.3 Rail traffic speed and movement is controlled appropriate to the indication displayed by the shunting signal, ATP/C or other equipment/system
	2.4 Illegal or irregular indications displayed by shunting signals are identified and appropriate actions are taken
3 Interpret and respond to trackside signs	3.1 Permanent trackside signs are interpreted and followed in accordance with system of safeworking, rail network owner requirements and workplace procedures
	3.2 Temporary trackside signs are interpreted and followed in accordance with system of safeworking, network owner requirements and workplace procedures
4 Respond to and report defective or irregular signals or equipment trackside signs	4.1 Defective or irregular signalling systems and equipment and trackside signs are responded to in accordance with system of safeworking, rail network owner requirements and workplace procedures
	4.2 Defective or irregular signalling systems and trackside signs are reported and recorded in accordance with system of safeworking, rail network owner requirements and workplace 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.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIC2078 Identify and respond to signals and trackside signs.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIC0016 Identify and respond to signals and trackside signs

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and include:

- communicating effectively with others
- completing required documentation
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- operating and adapting to differences in equipment in accordance with operating procedures
- reading and interpreting relevant instructions, workplace procedures and information including numerical information
- responding to different indications and aspects displayed by signalling systems within the rail networks
- responding to different trackside signs within rail networks
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations including emergency response workplace procedures
- relevant sections of applicable state/territory legislated rail safety requirements, relevant system of safeworking, codes of practice and/or guidelines
- signalling system for rail network including fixed signals, Automatic Train Protection/Control (ATP/C) and Positive Train Control (PTC) systems as appropriate
- types of fixed or electronically displayed signals used within the rail network
- types of trackside signs used within the rail network
- use of communications and other signalling/operational control equipment and/or systems

- workplace procedure for responding to illegal or irregular indications displayed by running signals or shunting signals.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate rail corridor workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, system of safeworking, regulations, codes of practice and operation manuals.

Links

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