



Australian Government

TLIW3026 Operate stand alone signalling/point control equipment

Release: 2

TLIW3026 Operate stand alone signalling/point control equipment

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor statement changes in Performance Evidence
- Minor statement changes in Assessment Conditions.

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 operate stand alone signalling/point control equipment on a rail network in accordance with Rail Infrastructure Manager requirements.

It includes using and restoring stand alone signalling/point control equipment.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.

The unit includes the application of Rail Infrastructure Manager rules, procedures and protocols for rail safety but does not include the implementation of worksite protection.

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

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations.

Unit Sector

Rail sector.

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1 Use stand alone signalling control equipment

- 1.1** Signalling/point control equipment is identified and confirmed with network control officer, as required
- 1.2** Authority to operate signalling/point control equipment is obtained from network control officer
- 1.3** Appropriate personal protective equipment (PPE) is worn in accordance with Rail Infrastructure Manager and organisational requirements
- 1.4** Track environment is accessed safely in accordance with workplace procedures
- 1.5** Changed local conditions are identified
- 1.6** Stand alone signalling/point control equipment is operated safely in accordance with local instructions
- 1.7** Route is set and confirmed as correct to facilitate safe rail vehicle movement
- 1.8** Communication with network control officer is maintained using appropriate communications protocols and systems in accordance with workplace procedures
- 1.9** Unsafe situations and/or emergencies are identified and appropriate actions taken in accordance with workplace procedures

2 Restore stand alone signalling control equipment

- 2.1** Network control officer is informed when rail vehicle/s is clear of fouling points
- 2.2** Stand alone signalling/point control equipment is restored to correct position
- 2.3** Restoration is confirmed with network control officer
- 2.4** Signalling/point control equipment is locked and secured, as required, in accordance with workplace procedures
- 2.5** Identified equipment faults are reported in accordance with 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIW3026B Operate stand alone signalling/points control equipment.

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 TLIW3026 Operate stand alone signalling/point control equipment

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Performance 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 on at least one occasion and include:

- applying rail workplace policies, procedures and protocols
- communicating effectively with individuals and work groups
- identifying unsafe situations and emergencies
- operating stand alone signalling/point control equipment in accordance with workplace procedures
- restoring stand alone signalling/point control equipment in accordance with workplace procedures
- using appropriate personal protective equipment (PPE) conforming to Rail Infrastructure Manager requirements.

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:

- operational communications protocols and systems
- Rail Infrastructure Manager policies, procedures and protocols for identified unsafe situations or emergencies within duty of care workplace role
- Rail Infrastructure Manager rules and workplace procedures
- rail terminology as defined by the applicable Rail Infrastructure Manager
- recognition of points, signals and location features
- rail danger zones.

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 PPE currently used in industry
- applicable documentation with terminology as defined by the relevant Rail Infrastructure Manager system of safeworking including workplace procedures, regulations, rail network standards, rules and codes of practice.

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