



Australian Government

TLIF2082 Perform handsignaller duties

Release: 2

TLIF2082 Perform handsignaller duties

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 Knowledge 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 perform handsignaller duties in accordance with Rail Infrastructure Manager, legislative and regulatory requirements.

It includes identifying site protection requirements, taking up handsignaller positions, using hand signal commands to manage rail traffic, and taking actions in unsafe situations or emergencies.

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 performing handsignaller duties.

A hand signal is a signal given by hand movements, with or without a flag, board or light.

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

Pre-requisite Unit

Not applicable.

Competency Field

F – Safety Management

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 Identify site protection requirements

- 1.1** Worksite protection plan briefing conducted by relevant personnel is attended
- 1.2** Responsibilities as handsignaller for protection are identified and clarified as required
- 1.3** Hazards are identified, risks are assessed and control measures are implemented
- 1.4** Tools and equipment required for handsignalling duties are identified, obtained and checked for functional condition
- 1.5** Communications equipment to be used is tested and set to correct channel

2 Take up handsignaller position

- 2.1** Danger zone is safely accessed in accordance with workplace procedures
- 2.2** Unsafe and/or ineffective signalling positions are identified and reported in accordance with workplace procedures
- 2.3** Handsignalling positions that conform to worksite protection plan and workplace procedures are identified and the most appropriate position is chosen
- 2.4** Situational awareness is conducted to identify potential risks
- 2.5** Audible track warning devices are applied in accordance with workplace procedures as required
- 2.6** Effectiveness of handsignalling position and communications protocols are confirmed

3 Use hand signal commands to manage rail traffic

- 3.1** Vigilance is maintained at all times
- 3.2** Protection officer is alerted to approaching rail traffic in accordance with workplace procedures
- 3.3** Correct hand signal is displayed to rail traffic in accordance with protection officer instructions
- 3.4** Verbal instructions are provided to train driver, as required
- 3.5** Railway track signals are replaced, as required

4 Take action in unsafe situations or emergencies

- 4.1** Unsafe situations and/or emergencies are identified and appropriate actions taken to minimise risk in accordance with workplace procedures
- 4.2** Emergencies and/or incidents are recorded and reported to relevant personnel 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 TLIF2082B Perform handsignaller duties.

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 TLIF2082 Perform handsignaller duties

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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 and responding to relevant hand, board, light or flag signals during the day or at night
- applying Rail Infrastructure Manager procedures for using railway track signals
- communicating effectively with individuals and work groups
- ensuring effectiveness of handsignalling placement
- explaining appropriate action in an unsafe situation and/or emergency in accordance with workplace procedures
- following workplace policies, procedures and safeworking protocols
- giving and interpreting STOP and ALL CLEAR hand signals in accordance with Rail Infrastructure Manager workplace procedures
- identifying and selecting correct equipment and ensuring equipment functional condition
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying unsafe and ineffective handsignalling positions
- taking appropriate safety precautions when accessing the danger zone in accordance with workplace procedures
- taking up handsignalling position that enables effective communication with rail traffic crew
- using hand signal commands to instruct a rail traffic crew in a clear and timely manner.

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:

- hand, board, light or flag signals used during the day and at night
- operational communications protocols and systems of safeworking
- positioning requirements for handsignallers
- Rail Infrastructure Manager and organisational policies, procedures, rules and protocols relevant to handsignaller duties
- Rail Infrastructure Manager emergency management plan
- rail terminology as defined by the applicable Rail Infrastructure Manager
- railway track signals and their use
- relevant rail danger zones
- worksite protection plan in accordance with workplace briefing and procedures.

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 and terminology as defined by the relevant Rail Infrastructure Manager system of safeworking including workplace procedures, regulations, rules and codes of practice.

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