



Australian Government

TLIH0005 Interpret road maps and navigate pre-determined routes

Release: 1

TLIH0005 Interpret road maps and navigate pre-determined routes

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 interpret road maps and navigate pre-determined routes as part of transport operations.

It includes identifying and determining the most appropriate route and completing required route documentation in accordance with operational requirements.

It involves the application of map reading principles and procedures when interpreting street maps which includes either a road map, directory or global positioning system (GPS) device; and following pre-determined routes.

Work is performed under general or limited supervision.

Work must be carried out in accordance with relevant state or territory roads and/or traffic authority regulations.

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

Pre-requisite Unit

Not applicable.

Competency Field

H – Route Planning and Navigation.

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate

essential outcomes.

achievement of the element.

1 Identify and complete pre-planned route

- 1.1** Pre-determined route documentation is accessed and interpreted
- 1.2** Relevant street maps are identified and accessed for pre-planned route
- 1.3** Street map symbols for pre-planned route are recognised and interpreted
- 1.4** Points of departure and destination are identified in a directory index and information is used to locate designated places on appropriate street map
- 1.5** Pre-determined route directions are interpreted, and route is traced using street map
- 1.6** Key intersections and other landmarks along route are identified for use in following planned route
- 1.7** Alternative contingency routes are identified for emergencies or traffic delays
- 1.8** Pre-determined route is correctly followed

2 Complete necessary documentation

- 2.1** Required route documentation is completed in accordance with workplace procedures, as required
- 2.2** Required route documentation is filed 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.

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 TLIH2001 Interpret road maps and navigate pre-determined routes.

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 TLIH0005 Interpret road maps and navigate pre-determined routes

Modification History

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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:

- applying relevant workplace procedures
- completing documentation related to route navigation, as required
- estimating route distances using map information
- interpreting and following operational instructions and prioritising work
- navigating a pre-determined route
- planning alternative contingency routes for road works, emergencies or delays
- planning own work, predicting consequences and identifying improvements
- plotting a route from one destination to another relevant to job task
- reading and interpreting relevant instructions, procedures, information and signs
- using street maps and other route documentation to complete and navigate pre-determined routes, as required, and in accordance with workplace procedures.

Knowledge Evidence

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

- current route information about accidents or emergencies that might close or restrict traffic
- height, width and mass limitations of bridges, tunnels and other critical physical structures along a possible route
- location of service stations and rest stops as required
- operational procedures for interpreting road maps, using global positioning system (GPS) devices and navigating routes
- relevant state or territory permit and licence regulations and requirements
- road conditions for various routes, including sections undergoing road works
- traffic conditions at various times of the day and night along specific routes
- typical problems that may arise concerning interpreting road maps, using GPS devices and navigating pre-determined routes, and appropriate actions that should be taken

- workplace requirements for recording and documenting route information, as required.

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 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:

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

A simulator/online assessment is not suitable for the final assessment of this unit of competency.

Links

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