



Australian Government

TLIH0006 Plan and navigate routes

Release: 1

TLIH0006 Plan and navigate 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 plan and navigate routes.

It includes interpreting information from a street map which includes either a road map, directory or global positioning system (GPS) device; planning the most appropriate route taking into account pertinent factors; and completing required trip documentation in accordance with workplace procedures as part of transport operations, in accordance with relevant state and/or territory roads and traffic authority regulations.

This unit relates to the work of a commercial vehicle driver in the transport industry.

Work is performed under general or limited supervision.

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 essential outcomes.

1 Interpret street maps

PERFORMANCE CRITERIA

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

1.1 Symbols on a street map are recognised and interpreted for navigating routes

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| | 1.2 | Destination location is identified using a street map |
| 2 Plan routes | 2.1 | Given a location and a destination, the most direct and alternative routes between two points are identified using a street map |
| | 2.2 | Hazards are identified, risks are assessed, and control measures are implemented |
| | 2.3 | Information on height, width and load limits of road infrastructure and other restrictions on thoroughfares is accessed, interpreted and taken into account when planning a route for a journey, as required |
| | 2.4 | Suitable route is selected to ensure the most efficient, safe, secure and legal transport operation |
| 3 Follow planned route | 3.1 | Planned route is correctly followed with aid of a street map |
| | 3.2 | Route documentation is completed in accordance with workplace policies and procedures, as required |
| | 3.3 | Parking is conducted in accordance with workplace policies and procedures, as required |

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 TLIH3002 Plan and navigate 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 TLIH0006 Plan and navigate 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:

- accessing and interpreting required information and developing contingency routes, including road restrictions, traffic conditions and service stations/rest stops
- applying fatigue management techniques
- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant workplace policies and procedures
- completing relevant documentation, as required
- interpreting and following workplace instructions and prioritising work
- interpreting information to allow effective route planning
- modifying route planning activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- planning and navigating a route effectively, including:
 - alternative routes for contingencies such as road works, emergencies or delays
 - transport routes to meet workplace policies and procedures
 - planning routes in accordance with workplace policies and procedures
- reading and interpreting relevant instructions, procedures, information and signs, including:
 - estimating route distances using map information
 - identifying roads and intersections
 - identifying town and suburb locations
 - reading and interpretation of map symbols
- reporting and/or rectifying identified problems promptly in accordance with workplace procedures.
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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 information about accidents or emergencies that might close or restrict traffic on particular routes
- features and contents of street maps, and techniques for their use in transport navigation
- known traffic conditions at various times of the day along specific routes
- location of service stations and rest stops
- physical hazards such as height, width and mass limitations of bridges, tunnels and other critical physical structures along a possible route
- relevant state/territory permit and licence regulations and requirements
- road conditions for various routes, including sections undergoing road works
- security hazards on long routes
- workplace procedures for planning and navigating transport routes
- workplace policies and procedures for recording and documenting route information.

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 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 legislation, regulations, codes of practice, workplace procedures and operation manuals.
- A simulator or online assessment is not suitable for the final assessment of this unit of competency.

Links

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