



Australian Government

TLIH0001 Apply efficient journey planning principles

Release: 1

TLIH0001 Apply efficient journey planning principles

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 for efficient journey planning in the transport industry.

It includes identifying route and stakeholder information for journey plans, producing operational journey plans, actioning, monitoring and coordinating plan and completing plan records.

Work is performed under minimal 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 Identify route and stakeholder information for journey plan

PERFORMANCE CRITERIA

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

- 1.1** Information on critical aspects of a route are assessed in accordance with relevant regulatory requirements and workplace procedures
- 1.2** Information on critical aspects of the route are interpreted and analysed when planning journey in

- accordance with stakeholder site requirements and workplace procedures
- 1.3** Journey plan information is checked for compliance in accordance with relevant regulatory requirements and workplace procedures
 - 1.4** Fatigue risk management and fit for duty requirements are identified and considered in accordance with regulatory requirements and workplace procedures.
 - 1.5** Hazardous situations along route are recognised and appropriate action is taken to minimise risk to person/s and equipment in accordance with workplace procedures
 - 1.6** Sequence, type and timing of required loading and unloading activities are identified and actioned in plan including cost effective backloading and reverse logistics in accordance with business requirements and workplace procedures
 - 1.7** Contingency management strategies for identified issues/incidents are evaluated for inclusion in plan with references to previous scenarios of similar nature
- 2 Produce an operational journey plan**
- 2.1** Transportation requirements for the cargo are identified and applied to match customer specification, freight type and delivery time in accordance with workplace procedures
 - 2.2** Site unloading and loading methods are considered and communicated to stakeholders for the transfer of cargo between modes of transport as required in accordance with workplace procedures
 - 2.3** Regulatory requirements, codes of practice and workplace procedures are incorporated in operational journey plan
 - 2.4** Journey plan is developed and input into relevant management system in accordance with regulatory requirements and workplace procedures
- 3 Action, monitor and coordinate journey plan**
- 3.1** Real time monitoring of journey plan is undertaken and outcomes are checked and compared with planned objectives to ensure all delivery service requirements are met in accordance with workplace, contract and regulatory requirements

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|--|------------|---|
| | 3.2 | Instructions concerning planned operations are communicated to relevant stakeholders to ensure timely, safe and effective delivery in accordance with workplace procedures |
| | 3.3 | Unplanned issues are identified and appropriate action is initiated and reported to relevant stakeholders in accordance with workplace procedures |
| 4 Complete journey plan records | 4.1 | Reporting requirements are communicated to appropriate person/s in accordance with workplace procedures |
| | 4.2 | Issues and associated variances to the plan are reported, documented and considered for future journey planning in accordance with workplace procedures |
| | 4.3 | Workplace documentation and records are completed accurately in relevant journey management system in accordance with workplace procedures |
| | 4.4 | Records are reviewed for breaches and non-compliance and appropriate action is initiated to report to relevant person/s in accordance with workplace procedures and regulatory requirements |

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 may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This is a new unit. No equivalent unit.

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 TLIH0001 Apply efficient journey planning principles

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

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 continuous improvement processes to record and update existing operational procedures for consideration in future journey plans
- assessing documentation and records for breaches to relevant work health and safety (WHS)/occupational health and safety (OHS)/occupational safety and health (OSH) regulatory requirements and workplace procedures
- assessing documentation for accuracy
- assessing factors that impact the journey plan including:
 - speed restrictions
 - road load limits
 - permit requirements
 - bridge clearances and civil works
 - fuel stops
 - rest breaks and location of rest areas
 - safe work requirements
- completing workplace and regulatory documentation and data input into relevant management system
- documenting and developing a compliant journey management plan
- facilitating discussion on journey plan with relevant people
- identifying and actioning requirements relating to type, timing, unloading and loading activities
- identifying and applying reverse logistics that are cost effective and align to business requirements
- identifying and ensuring plan allows for different type of trucks with different loads and any specialised requirements
- identifying issues and incidents and unplanned issues that could have potential impact on journey plan and action contingencies
- interpreting and analysing factors that influence the route including fuel stops, rest breaks and safe work requirements that impact the journey plan
- interpreting, analysing and documenting WHS/OHS/OSH, heavy vehicle national law (HVNL) regulatory requirements and workplace procedures that impact journey plans

- monitoring of the journey plan in real time to ensure planned activities align to actual service requirements of the plan
- reporting breaches of regulatory requirements and workplace procedures to relevant person/s
- reporting to relevant person/s
- sequencing of loading and unloading process of cargo is applied when developing the journey management plan including:
 - type and timing of loading and unloading activities
 - cost effective backloading and reverse logistics.

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:

- WHS/OHS/OSH and regulatory requirements
- cargo handling equipment variants and their capabilities for loading and unloading requirements of the journey plan
- journey plan contingency management strategies
- continuous improvement strategies for journey plan
- contract requirements of stakeholders
- fatigue risk management requirements
- heavy vehicle national law (HVNL) journey planning
- permits requirements
- problem solving techniques
- relevant telematic management systems
- risk mitigation strategies
- specialised cargo transportation requirements
- types of transportation requirements for general cargo
- workplace procedures on journey planning.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- acceptable means of simulated assessment.

Links

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