



Australian Government

TLIL4077 Develop out-of-course rail traffic plans and schedules

Release: 2

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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 develop out-of-course rail traffic plans and schedules in accordance with workplace procedures and the requirements of relevant safeworking regulations and codes of practice.

It includes analysing service and/or business requirements, establishing rail traffic requirements, and communicating altered or additional rail traffic movement requirements.

Work is performed under some supervision, generally in a team environment.

This unit is intended for persons who are required to develop out-of-course rail traffic plans and schedules as part of work activities.

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

Pre-requisite Unit

Not applicable.

Competency Field

L – Resource 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	Analyse service and business requirements	1.1	Customer is consulted and requirements outside normal operations are identified to establish additional or altered rail service requirements
		1.2	Additional or altered rail service provision is recorded in accordance with organisational procedures
		1.3	Hazards are identified, risks assessed and control measures implemented
		1.4	Additional resource requirements are identified
2	Establish rail traffic requirements	2.1	Rail traffic requirement is established to ensure efficient management of the network
		2.2	Rail traffic specifications are confirmed to ensure that they meet network operating requirements and restrictions
		2.3	Train section run times for rail traffic are established and plotted on appropriate train graphs and/or diagrams
3	Communicate altered or additional rail traffic movement	3.1	Documentation relating to additional or altered rail traffic movement is issued in accordance with organisational procedures
		3.2	Alterations and cancellations affecting rail traffic running times are communicated to appropriate customer, network manager and/or rail operator 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIL4077A Develop out-of-course rail traffic plans and schedules.

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 TLIL4077 Develop out-of-course rail traffic plans and schedules

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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:

- analysing service and/or operational needs to establish changes to rail traffic requirements
- applying relevant safeworking systems and workplace procedures
- communicating altered or additional rail traffic movement requirements
- communicating and negotiating effectively with customers and others
- completing relevant documentation and entering data
- developing out-of-course rail traffic plan and schedule
- identifying hazards from out-of-course rail traffic plan and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following operational instructions and prioritising work
- interpreting train control graphs and diagrams
- reading and interpreting relevant instructions, procedures and information
- rectifying issues or problems that may occur promptly in accordance with regulatory requirements and workplace procedures
- working collaboratively with others.

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:

- applicable state/territory legislated rail safety requirements, relevant codes of practice and/or guidelines for developing out-of-course rail traffic plans and schedules
- details of approved rail traffic on the network
- issues or problems that can occur when developing rail traffic plans and schedules and how

they may be addressed

- rail traffic services provided by the organisation
- relevant documentation requirements and procedures
- relevant network interface agreements
- safeworking systems requirements
- timetable principles
- workplace procedures for developing rail traffic plans and schedules.

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 or, where this is not available, 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:

- 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 workplace procedures, regulations, rail industry standards, codes of practice and operation manuals.

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