



Australian Government

TLIF5017 Investigate rail safety incidents

Release: 1

TLIF5017 Investigate rail safety incidents

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 investigate safety incidents in accordance with rail safety regulatory and workplace requirements as part of work activities in the transport and logistics industry.

It includes planning the investigation, collecting and analysing information, and preparing the safety incident report.

People achieving competence in this unit will need to comply with the relevant state/territory rail safety legislation, codes of practice, industry standard and/or guidelines.

Work is performed under some supervision generally within a team environment.

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

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan the investigation

PERFORMANCE CRITERIA

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

1.1 Clarification of the incident investigation objectives is established in conjunction with relevant personnel, in accordance with workplace and regulatory requirements

1.2 Investigation timeframes and locations are established in conjunction with relevant personnel

- 1.3 Required investigation resources are identified and obtained within workplace guidelines
- 2 Collect and analyse information**
 - 2.1 All relevant available incident information is obtained and collated to facilitate a detailed and accurate incident analysis
 - 2.2 Interviews are conducted with relevant personnel to establish their recollection of events associated with the incident
 - 2.3 Information is analysed in accordance with the established investigation objectives , based on approved conditions, applicable standards and operational guidelines
 - 2.4 Options for action that lead to recommendations that reduce future risk are generated, in accordance with workplace and/or statutory requirements
 - 2.5 Criteria are specified to enable objective evaluation of the options to be undertaken
- 3 Prepare report**
 - 3.1 Conclusions are drawn and recommendations are made that will enable a satisfactory resolution of the incident issues, and meet workplace and statutory requirements
 - 3.2 Opportunities to enhance operational efficiency and safety procedures are documented in accordance with standard reporting guidelines
 - 3.3 Documentation is filed and distributed to all relevant parties for consideration and subsequent action

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIF5017A Investigate rail safety incidents.

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 TLIF5017 Investigate rail safety incidents

Modification History

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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 precautions and required action to minimise, control or eliminate hazards that may exist when investigating safety incidents
- applying relevant legislation and workplace procedures
- communicating effectively with others
- completing documentation related to investigating safety incidents
- conducting interviews and taking statements
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- negotiating and liaising effectively with others
- operating and adapting to differences in equipment in accordance with operating procedures
- preparing reports and recommendations
- reading and interpreting instructions, procedures and information relevant to investigating safety incidents
- working collaboratively with others when investigating safety incidents
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

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:

- data collection and analysis techniques required when investigating safety incidents
- documentation and reporting requirements for investigating safety incidents
- notifiable occurrences reporting requirements prescribed by regulations
- operational work systems, equipment, management and site operating systems for investigating safety incidents
- problems that may occur when investigating safety incidents and appropriate action that can be taken to resolve these problems
- relevant state/territory rail safety legislation, codes of practice, industry standards and/or guidelines
- workplace procedures and policies for the investigation of safety incidents.

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.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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 include:

- 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, safety management system, regulations, codes of practice and operation manuals.
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Links

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