



Australian Government

TLIX0053 Apply technical risk management systems and techniques

Release: 1

TLIX0053 Apply technical risk management systems and techniques

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 apply technical risk management systems and techniques.

It includes assisting with risk assessments, conducting risk control activities and contributing to assessing risk management outcomes

This unit was developed for technical regulatory framework specialists working within materiel logistics but may be applicable to individuals in broader logistics roles.

Individuals work independently or as part of a team under direct or indirect supervision, use discretion and judgement, and take responsibility for the quality of their outputs. All activities are carried out in accordance with relevant organisational policy and procedures.

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

Pre-requisite Unit

Not applicable.

Competency Field

X – Logistics

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1 Assist with risk assessment

1.1

Contribution is made to identify, analyse, evaluate and prioritise risks to technical

			integrity of the organisation's materiel
		1.2	Within delegated technical/engineering authority, input is provided to develop risk management strategies and risk management plans within established guidelines
		1.3	Established risk analysis methods, techniques and tools are used to assist in assessing risks in accordance with organisational plans
		1.4	Reporting mechanisms for risks to technical integrity are incorporated, in accordance with organisational plans
2	Conduct risk control activities	2.1	Risk control activities are undertaken and monitored in accordance with organisational plans
		2.2	Risks to technical integrity are acted on within technical/engineering authority or reported to stakeholders for response
		2.3	Contribution is made to implementing agreed risk approaches and amending plans to reflect changing context
		2.4	Opportunities are identified and reported for action in the same way as risks
3	Contribute to assessing risk management outcomes	3.1	Contribution is made to the ongoing review of the technical integrity of organisational materiel to determine the effectiveness of risk management activities by accessing data and available information
		3.2	Risk management issues and responses are reported to stakeholders for lessons learned or application in future technical/engineering activities

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 TLIX4034 Apply technical risk management systems and techniques.

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 TLIX0053 Apply technical risk management systems and techniques

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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 and on at least one occasion and includes:

- adhering to and applying relevant data collection, storage and retrieval requirements
- applying knowledge of technical risk management systems to work being performed and to guide problem solving
- applying technical risk management knowledge relevant to work being performed
- completing work area housekeeping requirements including documenting risk management activity and process outcomes
- contributing to reports of results
- controlling and identifying risk
- developing risk management strategies
- implementing, monitoring, and successfully completing risk management activities
- interpreting organisational role relevant to technical risk management
- modifying activities to cater for variations in workplace context and environment
- monitoring risks
- operating equipment and systems relevant to technical risk management activities
- reviewing risk management within the project
- using appropriate information management systems
- working and communicating effectively and constructively with stakeholders involved in the work.

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:

- organisational engineering management plan and risk management plan
- own role in relation to wider organisational or project context
- risk management as applied in a technical/engineering context, including principles, tools, techniques, standards and processes
- technical regulatory framework.

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:

- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures and operation manuals.

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