



Australian Government

TLIX0010X Enable traceability in supply chains

Release: 1

TLIX0010X Enable traceability in supply chains

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 of competency describes the skills and knowledge required to enable traceability of products and services in supply chains. It includes identifying supply chain traceability, implementing supply chain traceability, using traceability data, monitoring risks to supply chain traceability and reviewing and reporting on supply chain traceability.

Traceability is a collaborative effort that allows for the provenance of produce, products, parts and materials from suppliers as they are processed and distributed as end commodities to be confirmed. It also allows for the reliability of sustainability claims for human rights, the environment, workforce health and safety and anti-corruption practices to be verified. Traceability ensures that the collection and validation of data and the commitment to specified chain of custody standards is maintained throughout the supply chain.

The unit is applicable to those with management or team leadership responsibilities within a supply chain.

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

Cross sector

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

Identify supply chain traceability	1.1	Strategy for supply chain traceability, including Key Performance Indicators (KPIs), is confirmed
	1.2	Product and service movements in the supply chain are identified, including any vulnerabilities
	1.3	Legislative obligations, including chain of custody and chain of responsibility, are determined
	1.4	Supply chain stakeholder's ability to undertake product and service traceability is verified
	1.5	Responsibility and level of authority for supply chain traceability is confirmed
Implement supply chain traceability	2.1	Traceability strategy with KPIs is implemented, in consultation with supply chain stakeholders
	2.2	Traceability strategy, KPIs and scheduled timelines are communicated to supply chain stakeholders
	2.3	Policies, procedures and processes are implemented to support supply chain traceability strategy
	2.4	Data collection and documentation protocols are implemented to support supply chain traceability processes
	2.5	Legislative obligations, including chain of custody, are applied in the supply chain
Use supply chain traceability data	3.1	Product and service traceability data is used to identify supply chain performance issues and to remediate evolving situations
	3.2	Inconsistencies in product and services data is identified and remediated to ensure integrity of supply chain traceability
	3.3	Certifications and data on supply chain products and services are used to verify welfare and safety claims
Monitor risks to supply chain traceability	4.1	High and low risk points for product and service traceability in the supply chain are identified and monitored
	4.2	Risk mitigation for traceability data system is monitored
	4.3	Corrective actions and strategies, including product

recalls, are monitored

Review and report on supply chain traceability

- 5.1 Traceability strategy is reviewed, in consultation with supply chain stakeholders, to ensure KPIs are being met
- 5.2 Report on traceability outcomes is prepared and presented to approved supply chain stakeholders
- 5.3 Continuous improvement actions to support supply chain traceability are documented

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. There is 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 TLIX0010X Enable traceability in supply chains

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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 includes

- analysing and reporting on traceability data
- collecting and analysing information related to supply chain traceability
- communicating with supply chain stakeholders
- determining legislative obligations including chain of custody and chain of responsibility
- developing and applying traceability data collection and documentation protocols
- developing and implementing policies, procedures and processes to support supply chain traceability
- identifying and remediating product and service data inconsistencies
- identifying high and low traceability risk points in the supply chain
- identifying product and service movements in the supply chain including vulnerabilities
- implementing and reviewing traceability strategy including Key Performance Indicators (KPIs)
- monitoring corrective actions and strategies including product and material recalls
- reviewing and reporting on supply chain traceability strategy
- undertaking risk mitigation for traceability data systems.

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 includes knowledge of

- circular economy principles in relation to addressing sustainable practices in supply chains
- communication methods and tools
- corrective actions and strategies including product and material recalls
- data analysis techniques
- high and low risk points in the supply chain
- information and data collection
- legislative obligations including chain of custody and chain of responsibility
- policies and procedures that support traceability

- product and service movements in supply chains including vulnerabilities
- recognition and remediation of product and services data inconsistencies
- remediation of supply chain issues and problems identified through traceability data
- review and report preparation
- risk mitigation
- supply chain stakeholders
- traceability standards
- traceability strategy and processes including Key Performance Indicators (KPIs).

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

- exercises, case studies or other simulations
- materials and tools including supply chain digital equipment used in industry
- documentation including organisational policies and procedures, industry standards, regulations, codes of practice, operational manuals and equipment specifications.

Links

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