

---

# **TLIX0034X Undertake supply support in integrated logistics**

## **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 undertake supply support in integrated logistics.

This unit covers conducting supply support analysis; producing and maintaining supply support data, documentation and reporting; sourcing, managing and controlling items of supply; and analysing the performance of the supply support network.

This unit is appropriate for technical specialists supporting integrated logistics functions. Typically, these individuals must demonstrate the ability to work independently or as part of a team under direct and/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 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**

Integrated logistics

## **Elements and Performance Criteria**

### **ELEMENTS**

Elements describe the essential outcomes.

### **PERFORMANCE CRITERIA**

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

- 
- |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 Conduct supply support analysis</b>                          | <ul style="list-style-type: none"><li><b>1.1</b> Organisational policies for procurement and supply chain are interpreted for each identified item of supply (IoS) class</li><li><b>1.2</b> Resources required to enable supply services to be conducted are identified from consultation with the integrated logistics support (ILS) team</li><li><b>1.3</b> Stakeholders are identified and consulted to confirm ILS needs for each IoS</li><li><b>1.4</b> Analysis is conducted to determine quantities of each IoS to be held at each location across the support network</li><li><b>1.5</b> Support network is analysed to determine packaging, handling, storage and transportation (PHS&amp;T) requirements, volumetrics and other storage conditions and liabilities</li><li><b>1.6</b> Standardisation opportunities are identified, and advice provided to engineering support</li><li><b>1.7</b> Entitlements for use and/or consumption of each IoS are determined</li><li><b>1.8</b> Verification and validation of supply support arrangements is completed to confirm they satisfy maintenance policies and regimes</li></ul> |
| <b>2 Produce supply support data, documentation and reporting</b> | <ul style="list-style-type: none"><li><b>2.1</b> Data and documentation requirements for each IoS are determined in accordance with organisational policies</li><li><b>2.2</b> Sources of information relevant to supply support are identified and relevant information is obtained in accordance with policies and procedures</li><li><b>2.3</b> Provisioning technical documentation is developed, including assemblies parts lists and outfit allowance lists</li><li><b>2.4</b> Data is obtained, and codification and cataloguing conducted for each IoS in accordance with organisational policy</li><li><b>2.5</b> Details are identified, analysed and documented for each IoS in accordance with organisational policies and procedures</li></ul>                                                                                                                                                                                                                                                                                                                                                                                  |

- 
- |          |                                                                                          |                                                                                                                                                        |
|----------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <b>2.6</b>                                                                               | Logistics information management systems are populated with IoS and related management data                                                            |
|          | <b>2.7</b>                                                                               | Required item quantities are identified, analysed and documented                                                                                       |
|          | <b>2.8</b>                                                                               | Stocktake plans and reports are prepared in accordance with organisational policies                                                                    |
|          | <b>2.9</b>                                                                               | Alignment of supply support data to engineering support data and maintenance support data is maintained                                                |
| <b>3</b> | <b>Source, manage and control items of supply</b>                                        |                                                                                                                                                        |
|          | <b>3.1</b>                                                                               | Sourcing of required IoS is planned and conducted in accordance with organisational policies                                                           |
|          | <b>3.2</b>                                                                               | Receipt of IoS is conducted in accordance with organisational policies and procedures                                                                  |
|          | <b>3.3</b>                                                                               | Distribution of IoS is conducted in accordance with organisational policies and procedures                                                             |
|          | <b>3.4</b>                                                                               | Issuing of IoS is conducted in accordance with organisational policies and procedures                                                                  |
|          | <b>3.5</b>                                                                               | Transfer of IoS is conducted in accordance with organisational policies and procedures                                                                 |
|          | <b>3.6</b>                                                                               | Disposal activities are planned and conducted in accordance with organisational policies                                                               |
|          | <b>3.7</b>                                                                               | Obsolescence of each IoS is planned in accordance with organisational policies                                                                         |
|          | <b>3.8</b>                                                                               | Rotatable pool management regime is developed to support the usage upkeep cycle                                                                        |
| <b>4</b> | <b>Analyse the performance of the supply support network and plan corrective actions</b> |                                                                                                                                                        |
|          | <b>4.1</b>                                                                               | Analysis of supply network performance is conducted in accordance with organisational policies and results documented                                  |
|          | <b>4.2</b>                                                                               | Corrective actions to improve supply network performance are planned, documented and submitted for approval in accordance with organisational policies |
|          | <b>4.3</b>                                                                               | ILS team are briefed, and approved corrective actions implemented                                                                                      |

---

## 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 is a new unit. No equivalent unit.

## Links

TLI Transport and Logistics Training Package Companion Volume Implementation Guides are found in VETNet - LINK POPULATED ON PUBLICATION

---

# Assessment Requirements for TLIX0034X Undertake supply support in integrated logistics

## 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 two separate occasions and include:

- conducting supply support analysis, including:
  - item of supply (IoS) class
  - supply service resource requirements
  - logistics support needs
  - quantities and locations for each IoS
  - packaging, handling, storage and transportation (PHS&T) requirements
  - entitlements for each IoS
- producing supply support data, documentation and reporting, including:
  - determining IoS documentation requirements
  - developing provisioning technical documentation, including assemblies parts lists and outfit allowance lists
  - developing recommended provisioning lists
  - codifying and cataloguing each IoS
  - populating logistics information management system
  - stocktake plans and reports
- sourcing, managing and controlling IoS
- analysing the performance of the supply support network, planning and implementing corrective actions
- undertaking disposal planning.

## 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:

- organisational manuals, policies and procedures relevant to supply support
- industry standards relevant to supply support
- supply support concepts and practices
- supply support analysis and modelling techniques

- 
- supply support management and planning techniques
  - factors to be considered in supply support planning and management
  - supply support information management systems and reporting
  - techniques for analysis of supply support resources, including hardware; software; materiel; facilities; personnel; processes and data to be sourced, acquired, managed and supplied to enable supply services to be conducted
  - logistics support needs for each IoS, including specifications and standards, quality assurance (QA) processes, inspection requirements, timings, locations, constraints and assumptions
  - storage conditions and liabilities, including problematic IoS, shelf-life limited supplies, temperature sensitive items and security requirements
  - auditing and stocktake obligations
  - factors that can influence supply network performance, including stocking levels, demand satisfaction rate, supply chain lag, supplier performance and warehousing conditions.

## 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 simulations
- applicable documentation, including organisational policies and procedures, legislation, data and/or modelling applicable to integrated logistics support (ILS), industry standards and/or specifications and access to relevant organisational information management systems
- relevant materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

## Links

TLI Transport and Logistics Training Package Companion Volume Implementation Guides are found in VETNet - LINK POPULATED ON PUBLICATION