

## **TLIX0030X Evaluate LORA in a defence integrated logistics environment**

### **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 evaluate level of repair analysis (LORA) in a defence integrated logistics environment.

LORA is used as an analytical methodology used to determine where an item will be replaced, repaired, or discarded based on cost considerations and operational readiness requirements.

It includes identifying source data, performing life cycle analysis to establish and maintain baselines for logistics support analysis (LSA). It also includes documenting LORA and related analyses.

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 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 organisational 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**

#### **PERFORMANCE CRITERIA**

Elements describe the essential outcomes.

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

## **1 Identify source data**

- 1.1** Integrated logistic support (ILS) strategy for the program is reviewed to ensure relevance and alignment of LORA
- 1.2** Organisational procurement and supply chain and other relevant policies for each identified item are interpreted
- 1.3** Contractual and regulatory requirements are determined and reviewed
- 1.4** LSA data is reviewed in line with trends in system supportability and affordability

## **2 Establish and maintain baselines for LSA**

- 2.1** LSA data is gathered in accordance with organisational procedures
- 2.2** LSA data is interpreted, and consistent level of repair criteria are defined
- 2.3** LSA baseline data and actions to deal with deviations or failure from established baselines are reviewed
- 2.4** LORA is interpreted to inform maintenance and supply support requirements
- 2.5** LORA data is interpreted to confirm coverage of the operating support intent
- 2.6** Maintenance plan and associated requirements are revised by baseline data changes
- 2.7** Verification and validation of data is completed to confirm performance outcomes

## **3 Document LORA and related analyses**

- 3.1** LSA parameters are analysed using current data
- 3.2** Logistics support management information systems are updated in accordance with contractual, regulatory requirements and organisational procedures
- 3.3** Level of analyses, the data sources and techniques used in performing the analysis, including the system definition narrative, resultant analysis data, and worksheets are summarised, and the results documented

- 3.4** Conclusions and recommendations based upon the analysis and recommended actions are documented in accordance with organisational procedures

## **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

## **Assessment Requirements for TLIX0030X Evaluate LORA in a defence integrated logistics environment**

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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 two separate occasions and include:

- documenting level of repair analysis (LORA)
- evaluating LORA in a defence integrated logistics environment
- identifying and consulting with relevant stakeholders
- identifying source data
- identifying, interpreting and applying legislation, policies and procedures that may impact on supply support
- identifying, obtaining and interpreting documentation
- revising logistic support analysis (LSA) data
- working collaboratively with internal/external personnel/stakeholders to achieve required supply support outcomes.

### **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:

- factors to be considered in integrated logistics support (ILS) planning and management
- legislation and industry standards relevant to ILS
- data requirements and sources to inform LORA
- use of in-service data to inform LORA
- economic and non-economic analysis and performance measurement
- LSA plan
- LORA in a defence integrated logistics environment
- organisational policies and procedures relevant to ILS, LSA and LORA
- legislation and industry standards relevant to ILS, LSA and LORA.

## 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.

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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 access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation, including organisational policies and procedures, legislation, data and/or modelling applicable to 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

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