Assessment Requirements for TLIX0029X Evaluate FMECA in a defence integrated logistics environment

Release: 1

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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:

- identifying the function/s, failure/s, effect/s and cause/s for each item or process to be analysed
- documenting failure mode, effects and criticality analysis (FMECA)
- evaluating FMECA 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 FMECA
- identifying, obtaining and interpreting documentation
- revising logistics support analysis (LSA) data
- working collaboratively with internal/external personnel/stakeholders to achieve required FMECA 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
- FMECA in a defence integrated logistics environment
- LSA plan
- data requirements and sources to inform FMECA
- techniques to read and interpret:
  - engineering design notes and specifications
  - original equipment manufacturer (OEM) data
- legislation relevant to ILS, LSA and FMECA
- organisational policies and procedures relevant to ILS, LSA and FMECA
- industry standards relevant to ILS, LSA and FMECA.

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

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851