



Australian Government

TLIA0028 Implement safety stock systems

Release: 1

TLIA0028 Implement safety stock systems

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 implement safety stock systems.

It includes planning, preparing and maintaining safety stock levels as well as reviewing the safety stock system in various contexts.

The unit generally applies to those who lead individuals or teams.

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

Pre-requisite Unit

Not applicable.

Competency Field

A – Handling Cargo/Stock

Unit Sector

Not applicable.

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 Plan and prepare safety stock levels	1.1 Optimum safety stock requirements are determined for forecast period
	1.2 Lead times and forecast accuracy are determined
	1.3 Safety stock is calculated using the agreed business model to satisfy service level

- 1.4 Hazards are identified, risks are assessed and control measures are implemented
 - 1.5 Safety stock rotation procedures are implemented
- 2 **Maintain safety stock levels**
 - 2.1 Stock forecasts are reviewed to ensure accuracy and adjusted accordingly
 - 2.2 Safety stock levels are maintained and stored in accordance with workplace policies and procedures
 - 2.3 Safety stock levels are routinely checked for accuracy and variations investigated in accordance with workplace procedures
- 3 **Review safety stock system**
 - 3.1 Safety stock level selection input data is reviewed for discrepancies regarding target outcomes
 - 3.2 Improvements of safety stock system are reviewed and variables affecting discrepancies identified
 - 3.3 Required improvements are reported in accordance with organisational policy and 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.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIA4062 Implement safety stock systems.

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 TLIA0028 Implement safety stock systems

Modification History

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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 include:

- applying precautions and required actions to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- communicating and working effectively with others in a timely manner
- completing relevant documentation
- determining and reviewing optimum safety stock levels
- identifying safety and resolving stock discrepancies
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and prioritising work activities in terms of planned schedule
- reading, interpreting and following relevant instructions and workplace procedures.

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:

- contingency plans
- definitions of commonly used terminology such as lead time, lead time demand, forecast, demand history and order cycle
- principles, purpose and location of controls, monitoring devices and systems
- procedures for identifying problems with the safety stock system in use
- procedures for operating electronic communications equipment
- relevant sections of national and state/territory regulatory requirements and codes of practice
- requirements for completing relevant documentation, including commonly used methods to estimate required safety stock levels
- steps involved in planning work activities
- typical problems that can occur and related actions that should be taken.

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 relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including legislation, regulations, codes of practice, workplace procedures and operation manuals.

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