



Australian Government

TLIJ3005 Sample, inspect and test products to specifications

Release: 1

TLIJ3005 Sample, inspect and test products to specifications

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 sample, inspect and test products to specifications in accordance with relevant regulations, codes of practice, Australian Standards and workplace quality standards within the transport and logistics industry.

It includes establishing specifications and testing procedures, selecting evidence, conducting and interpreting tests, and reporting findings as part of operations.

Work is performed under limited supervision, generally within a team environment. Discretion and judgement are exercised in planning and using resources, services and processes to achieve required outcomes within organisational 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

J – Quality

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Establish specifications and test procedures

PERFORMANCE CRITERIA

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

1.1 Product quality specifications and required outcomes are read, drawings are interpreted and test parameters are identified

- 1.2 Test methods for each required test parameter are identified and most efficient test method is noted
- 1.3 Requirements for testing by personnel external to work area are identified and appropriate permission is obtained
- 1.4 Sampling, inspection and testing are conducted in accordance with hazardous substances regulations
- 2 Select evidence**
 - 2.1 Appropriate conforming and/or non-conforming products, materials and/or waste are selected for testing
 - 2.2 Observations of operators and copies of procedures are collected
- 3 Conduct and interpret tests**
 - 3.1 Tests are conducted in accordance with workplace procedures, including quality assurance procedures, and results are documented as required
 - 3.2 Emergency procedures are identified and implemented in an incident
 - 3.3 Comparisons of all data collected are made
 - 3.4 Recommendations are noted and considered for feasibility
 - 3.5 Equipment is maintained in accordance with workplace and manufacturer requirements
- 4 Report findings**
 - 4.1 Findings of tests are documented in accordance with workplace procedures
 - 4.2 Potential or existing problems and appropriate recommendations are proposed and reported verbally and/or in writing

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIJ3005A Sample, inspect and test products to specifications.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>