



Australian Government

TLIJ3005 Sample, inspect and test products to specifications

Release: 2

TLIJ3005 Sample, inspect and test products to specifications

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package.

- Minor changes to unit Application
- Minor changes to Performance Criteria
- Minor changes to Performance Evidence
- Minor changes to Knowledge Evidence
- Minor changes to Assessment Conditions.

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.

It includes establishing specifications and testing procedures, selecting evidence, conducting and interpreting tests, and reporting findings as part of operations in accordance with relevant regulations, codes of practice, Australian Standards and workplace quality standards within the transport and logistics industry.

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 workplace 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

2 Select evidence

3 Conduct and interpret tests

4 Report findings

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
- 2.1** 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
- 3.1** 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 accordance with workplace procedures
- 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 procedures and manufacturer requirements
- 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 TLI Transport and Logistics Training Package 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>

Assessment Requirements for TLIJ3005 Sample, inspect and test products to specifications

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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
- completing relevant documentation
- identifying and using relevant testing equipment, processes and procedures
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with workplace procedures
- reading and interpreting relevant workplace instructions, procedures and information
- reporting and/or rectifying identified problems promptly in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment (PPE) conforming to industry and work health safety (WHS)/occupational health and safety (OHS) standards
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

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:

- housekeeping standards and procedures
- operational work systems, equipment or management, site and workplace procedures
- product quality standard and test/inspection specifications or criteria
- relevant regulations, codes of practice and Australian Standards
- relevant WHS/OHS procedures and guidelines
- safety data sheets (SDS)/material safety data sheets (MSDS), manufacturer instructions and workplace procedures
- typical sampling/testing problems that may arise in work operations and products, and related options for actions and solutions
- workplace or site layout
- workplace quality assurance principles and procedures
- workplace quality procedures for sampling, inspection and testing products.

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 PPE currently used in industry
- applicable documentation, including legislation, regulations, codes of practice, workplace procedures and operation manuals.

Links

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