



Australian Government

TLIJ2004 Implement grain monitoring measures

Release: 1

TLIJ2004 Implement grain monitoring measures

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 grain monitoring measures within grain storage facilities in accordance with workplace procedures, regulations and requirements, as part of grain storage operations in the transport and logistics industry.

It includes installing and checking grain quality control equipment, and monitoring the quality of stored commodities in accordance with workplace requirements.

Work is performed under some supervision, generally within a team/group environment.

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 Install grain quality control equipment

PERFORMANCE CRITERIA

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

- 1.1 Procedures for maintaining the quality of stored grain are identified from work plans and from considering climatic conditions, types of storage and general environment
- 1.2 Hazards are identified, risks are assessed and control measures are implemented
- 1.3 Aeration equipment is installed in accordance with workplace and site requirements to maintain appropriate grain temperature

and moisture content as required

- 1.4 Inspection/sampling equipment and procedures are confirmed and implemented in accordance with workplace procedures
- 1.5 Equipment is checked to ensure correct set up and operation
- 1.6 Equipment is maintained in accordance with workplace requirements and manufacturer instructions
- 1.7 Rectification of faults in equipment is undertaken in accordance with workplace procedures

2 Monitor the quality of stored commodities

- 2.1 Stored commodities and associated facilities are inspected for sign of damage or potential for damage
- 2.2 Required repairs to facilities are reported to appropriate personnel for action
- 2.3 Monitoring for pest infestations and climatic contamination/damage to grain is regularly completed in accordance with workplace sampling/inspection procedures
- 2.4 Results of sampling/inspections are recorded and reported in accordance with workplace procedures
- 2.5 Follow-up action to protect grain quality is undertaken in accordance with workplace 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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIJ2004A Implement grain monitoring measures.

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 TLIJ2004 Implement grain monitoring measures

Modification History

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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 one occasion and include:

- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- communicating and working effectively with others
- completing relevant documentation
- identifying, selecting and efficiently and effectively using equipment needed
- implementing contingency plans
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and prioritising work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with standard operating procedures
- operating electronic communications equipment to required protocol
- planning own work, predicting consequences and identifying improvements
- reading, interpreting and following relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- setting up and maintaining grain protection equipment
- 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 of the requirements of the elements, performance criteria and include knowledge of:

- classification procedures
- emergency response procedures
- equipment applications, capacities, configurations, safety hazards and control mechanisms
- problems that may occur and appropriate action that can be taken to resolve these problems
- procedures for environmental control and disposal activities
- regulations relevant for implementing grain monitoring measures in grain storage facilities
- relevant WHS/OHS and environmental protection procedures and guidelines
- site layout and obstacles
- storage and safe handling procedures
- workplace procedures and policies for implementing grain monitoring measures.

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:

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

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