



Australian Government

TLIJ0002 Implement grain monitoring measures

Release: 1

TLIJ0002 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.

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 or 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, 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 to maintain appropriate grain temperature and moisture content in accordance with workplace and site requirements |
| | 1.4 | Inspection and sampling equipment is confirmed and implemented in accordance with workplace procedures |
| | 1.5 | Equipment is maintained and checked to ensure correct set-up and operation in accordance with manufacturer instructions |
| | 1.6 | Rectification of faults in equipment is undertaken in accordance with workplace procedures |
| 2 | Monitor the quality of stored grains | |
| | 2.1 | Stored grains and associated facilities are inspected for sign of damage or potential for damage |
| | 2.2 | Required repairs to facilities are reported to relevant personnel for action |
| | 2.3 | Monitoring for pest infestations and climatic contamination or damage to grain is completed in accordance with workplace sampling and inspection procedures |
| | 2.4 | Results of sampling and inspections are recorded and documented 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 TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIJ2004 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 TLIJ0002 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.

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 control measures to minimise, control or eliminate identified hazards
- communicating and working effectively with relevant personnel
- completing relevant records and documentation
- identifying, selecting and efficiently and effectively using equipment
- implementing contingency plans
- interpreting and following relevant instructions, procedures, information and signs
- 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 communications equipment to required protocol
- planning own work, predicting consequences and identifying improvements
- 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 (PPE) conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- setting up and maintaining grain protection equipment
- using appropriate equipment to maintain and monitor the optimum environment for grain storage
- 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, performance criteria and include knowledge of:

- emergency response procedures
- equipment applications, capacities, configurations, safety hazards and control mechanisms
- grain classification procedures
- potential problems and appropriate solutions
- procedures for environmental control and disposal activities
- relevant legislation and regulations 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

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:

- 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

Companion Volume Implementation Guides are found in VETNet -

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