



Australian Government

TLIL4021 Coordinate the erection and dismantling of temporary storage facilities

Release: 1

TLIL4021 Coordinate the erection and dismantling of temporary storage facilities

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 coordinate the erection and dismantling of temporary storage facilities in accordance with regulatory requirements and workplace procedures in the transport and logistics industry.

It includes planning the erection of temporary storage facilities, erecting temporary storage facilities as planned and dismantling temporary storage facilities after out loading.

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

L – Resource Management

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 erection of temporary storage facility	1.1 Plans, storage specifications, assembly details and erection sequence are obtained and examined for accuracy to meet intended storage requirements
	1.2 Engineering drawings, computations and instructions are obtained from qualified persons as required

- 1.3 Local and state/territory authority approvals for storage facility construction are obtained
- 1.4 Hazards are identified, risks are assessed and control measures are implemented
- 1.5 Labour and equipment requirements for storage facility construction are organised and scheduled in accordance with erection sequence
- 2 Erect temporary storage facility**
 - 2.1 Foundations and earthworks for temporary storage are prepared in accordance with workplace instructions and specifications
 - 2.2 Structural and storage components are assembled and placed in accordance with workplace instructions and specifications
 - 2.3 Protective sheeting (floor and wall) is placed and sealed/sewn in accordance with workplace specifications
 - 2.4 Material is placed into temporary storage facility in accordance with specifications and site procedures
 - 2.5 Grain protection measures are implemented in accordance with workplace requirements
 - 2.6 Labour and equipment are coordinated for timely and efficient completion of work
- 3 Dismantle temporary storage facility after out loading**
 - 3.1 Procedures for dismantling temporary storage facility, including sequencing of processes, are confirmed with qualified personnel
 - 3.2 Labour and equipment requirements for dismantling temporary storage facility are organised and scheduled
 - 3.3 Material is removed from storage in accordance with workplace procedures
 - 3.4 Protective sheeting (floor and wall) is dismantled and folded for future use or disposed of, in accordance with workplace procedures
 - 3.5 Structural components are disassembled, transported and stacked in accordance with workplace instructions
 - 3.6 Labour and equipment are coordinated for timely and efficient completion of work

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 TLIL4021A Coordinate the erection and dismantling of temporary storage facilities.

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 TLIL4021 Coordinate the erection and dismantling of temporary storage facilities

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 of the requirements of the elements, 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 using relevant equipment
- 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 operating procedures
- operating electronic communications equipment to required protocol
- planning own work, predicting consequences and identifying improvements
- reading, interpreting and following relevant instructions, procedures and signs
- selecting and using required personal protective equipment conforming to industry and work health and 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 of the requirements of the elements, performance criteria and include knowledge of:

- emergency response procedures
- equipment applications, capacities, configurations, safety hazards and control mechanisms
- grain protection measures
- how to identify characteristics of commodity types, varieties and grades
- problems that may occur and appropriate action that can be taken to resolve these problems
- procedures for environmental control and disposal activities
- range of construction methods used in erecting temporary storage facilities
- regulations relevant to erecting and dismantling temporary grain storage facilities
- site layout and obstacles
- storage and safe handling procedures
- workplace procedures and policies for coordinating the erection and dismantling of temporary grain storage facilities.

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.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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 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.

Links

Companion Volume implementation guides are found in VETNet -

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

