



**Australian Government**

# **TLIA5029 Plan and manage storage of dangerous goods and hazardous substances**

**Release: 1**

# TLIA5029 Plan and manage storage of dangerous goods and hazardous substances

## 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 plan and manage the storage of dangerous goods and hazardous substances in accordance with all relevant regulatory requirements, standards, and workplace procedures including the current Australian Dangerous Goods (ADG) Code.

It includes defining the objectives of required handling and storage operations, specifying equipment and system performance requirements, evaluating and selecting bulk handling and storage resources and completing all required documentation.

Work is carried out under general guidance. It requires discretion and judgement for self and others in planning and using resources, services and processes to achieve required outcomes.

The unit generally applies to those with responsibility for resource coordination and allocation, who lead individuals or teams.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

Not applicable.

## Competency Field

A – Handling Cargo/Stock

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

#### 1 Define objectives of

### PERFORMANCE CRITERIA

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

1.1 Requirements for bulk handling and storage activities are

- required handling and storage operation** identified in accordance with workplace requirements
- 1.2 Current best practice and future trends for handling and storage equipment are assessed and compared to present operations
- 1.3 Consideration of workplace goals and present capabilities and constraints is undertaken when selecting bulk handling and storage resources
- 2 Specify equipment and system performance requirements**
- 2.1 Bulk handling and storage equipment and system requirements are documented
- 2.2 Performance measures for equipment and system operations are developed and documented
- 2.3 Consultations are conducted with relevant employees and management to verify documented requirements
- 3 Evaluate and select bulk handling and storage resources**
- 3.1 Range of bulk handling and storage equipment and facilities that meet specifications are researched for costs and benefits as well as potential adaptability for new business opportunities
- 3.2 Rating system is instigated to facilitate comparisons of cost/benefit and other qualitative properties of bulk handling and storage equipment and systems
- 3.3 Analysis of current employee competency in relation to required competency is undertaken and documented
- 3.4 Equipment is selected based on comparisons of performance specifications including cost, output, set-up requirements, maintenance and retraining
- 4 Complete documentation**
- 4.1 Workplace documentation is completed as required
- 4.2 Handling and storage requirements are documented and communicated to relevant personnel
- 4.3 Reports are compiled and forwarded to appropriate personnel

## 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 TLIA5029A Plan and manage storage of dangerous goods and hazardous substances.

## Links

Companion Volume implementation guides are found in VETNet -

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