



Australian Government

AHCEXP301 Handle and store explosives

Release: 3

AHCEXP301 Handle and store explosives

Modification History

Release	Comments
Release 3	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to safely handle, store, load and transport explosives according to industry standards.

The unit applies to individuals who work under broad direction and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources.

State or territory licensing, legislative or certification requirements apply in some jurisdictions. Users are advised to check with the relevant regulatory authority.

Pre-requisite Unit

Nil

Unit Sector

Explosives (EXP)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for the handling of explosives	1.1 Identify health and safety hazards, assess risks and implement controls for handling, storage and transport of explosives 1.2 Check for damaged or defective explosives and take action

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	according to workplace procedures 1.3 Prepare and display signage and placarding on vehicles or storage facilities for explosives according to legislative and regulatory requirements 1.4 Identify and implement emergency procedures for the transportation, handling and storage of explosives 1.5 Establish monitoring and recording systems for authorisation to handle, store and transport explosives according to codes of practice and legislative and regulatory requirements
2. Transport explosives	2.1 Establish arrangements to maintain integrity and security of transported explosives according to workplace procedures 2.2 Institute security procedures to ensure explosives arrive at the destination intact and within specified times 2.3 Implement workplace strategies to carry out emergency procedures according to legislative and regulatory requirements 2.4 Load and transport explosives safely according to workplace procedures and legislative and regulatory requirements
3. Store explosives	3.1 Define and action the requirements for the safe and secure storage of explosives according to legislative and regulatory requirements 3.2 Define requirements for personnel authorised to gain access to explosives 3.3 Assess storage conditions to ensure they meet requirements for safe storage of explosives 3.4 Monitor and maintain security according to legislative and regulatory requirements 3.5 Accurately implement and maintain recording systems for the handling and storage of explosives according to legislative and regulatory requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Writing	Accurately complete workplace documents, statutory records, authorisation documents and hazard warning signs using clear, correct language and terminology
Oral communication	Select and use appropriate conventions and protocols when communicating with co-workers

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCEXP301 Handle and store explosives Release 3	AHCEXP301 Handle and store explosives Release 2	Minor changes to Performance Criteria Removed mapping to Core Skills for Work Updated Knowledge Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCEXP301 Handle and store explosives

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on at least one occasion, the individual has demonstrated that they have handled and stored explosives, including:

- checked explosives for damage or defects, and implemented corrective action
- conducted risk assessment and implemented safe work procedures
- prepared and displayed placards on vehicles transporting explosives
- loaded and transported components of explosives safely in accordance with legislative and regulatory requirements and workplace procedures
- established and implemented monitoring and recording systems for handling, storing and transporting explosives according to legislative and regulatory requirements
- defined requirements and authorisations for the safe handling and storage of explosives
- implemented security procedures for explosives
- identified and implemented emergency procedures for transporting and storing explosives.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- local conditions and factors in the handling, transporting and storage of explosives
- care and preventive measures required to eliminate risk of fire and deterioration of stored explosive materials
- procedures for buying commercial explosives and blasting agents

- explosive materials and their identification
- defective or damaged explosives
- emergency procedures required when handling explosives
- explosives code of practice, regulations and legislation
- environmental conditions required for safe storage of explosive materials
- loading and storing practices for explosives
- security procedures and best practice
- materials handling procedures
- mandatory and workplace records when handling, storing and transporting explosives.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - explosives or realistic representations of explosives
 - tools and equipment required to handle and transport explosives
 - personal protective equipment
- specifications:
 - workplace instructions, procedures and processes for handling explosives
 - explosive safety data sheets
 - explosives related legislation and codes of practice
- relationships:
 - • team member(s) or supervisor to gain approvals.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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