Modification history

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| Release | Comments |
| 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. |

| AHCEXP301 | Handle and store explosives |
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| Application | This unit of competency describes the skills and knowledge required to safely handle, store, load and transport explosives according to established 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. |
| Prerequisite Unit | Nil |
| Unit Sector | Explosives (EXP) |

| Elements | Performance Criteria |
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| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare for the handling of explosives | 1.1 Identify health and safety hazards, assess risks and implement controls for the handling, storage and transport of explosives  1.2 Check for damaged or defective explosives and take action according to workplace procedures  1.3 Prepare and display signage and placarding on vehicles or storage facilities for explosives as directed by 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 that comply with the codes of practice and legislative and regulatory requirements |
| 2. Transport explosives | 2.1 Establish arrangements to maintain the integrity and security of transported explosives according to workplace procedures  2.2 Institute security procedures to ensure explosives arrive at the destination intact according to specified time and condition  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. | |
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| Skill | Description |
| Writing | * Accurately completes workplace documents, statutory records and authorisation documents and hazard warning signs using clear correct language and terminology |
| Navigate the world of work | * Takes responsibility for following explicit and implicit policies, procedures and legislative and regulatory requirements |
| Interact with others | * Selects and uses appropriate conventions and protocols when communicating with co-workers |
| Get the work done | * Takes responsibility for planning, sequencing and prioritising tasks and workload * Makes routine decisions and implements procedures for tasks, using formal decision-making processes for more complex and non-routine situations |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCEXP301 Handle and store explosives | AHCEXP301A Handle and store explosives | Updated to meet Standards for Training Packages  Minor changes to Performance Criteria for clarity | Equivalent unit |

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

| TITLE | 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:   * handled and stored explosives safely and in accordance with legislative and regulatory requirements and workplace procedures * conducted risk assessment and implemented safe work procedures * loaded and transported components of explosives safely in accordance with legislative and regulatory requirements and workplace procedures * established monitoring and recording systems for handling, storing and transporting explosives according to legislative and regulatory requirements * prepared and displayed placards on vehicles transporting explosives * implemented security procedures for explosives * identified emergency procedures and implemented procedures for dealing with an emergency with transported or stored explosives * applied work health and safety policies and procedures. | |

| Knowledge Evidence |
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| 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 materials * procedures for buying commercial explosives and blasting agents * explosive materials and their identification * defective or damaged explosives and emergency procedures * 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 |
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| Assessment of skills 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 * use of tools and equipment required to handle and transport explosives * use of specific items of personal protective equipment * specifications: * use of specific workplace procedures and processes for handling explosives * access to specific explosive safety data sheets * use of workplace instructions * access to specific 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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