



Australian Government

AHCEXP304 Identify and select explosive products

Release: 1

AHCEXP304 Identify and select explosive products

Modification History

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

Application

This unit of competency describes the skills and knowledge required to identify and select explosive products and suitable mixtures that can be used for blasting for agricultural or land management purposes.

The unit applies to individuals who work under broad direction and take responsibility for their own work. This includes using discretion and judgement in the selection 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. Identify explosives applications	1.1 Identify job application and planned blasting operations in consultation with field manager or supervisor 1.2 Identify site for blasting and check surrounding area to confirm safety considerations and actions 1.3 Consider site characteristics and identify risks and potential hazards for blast site

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Consider environmental implications of intended explosives usage 1.5 Consider available options for explosives for planned blasting operation 1.6 Follow workplace health and safety policies and procedures when handling or using explosives
2. Select explosives components	2.1 Select explosives to meet planned blasting outcomes, site conditions and identified hazards of blasting site 2.2 Ensure explosives and components are safe and not defective before use 2.3 Calculate the explosive energy required for site characteristics to achieve planned blasting outcomes 2.4 Prepare the quantity of explosive required to achieve the explosive energy 2.5 Select the appropriate explosive initiator device according to industry best practice 2.6 Select and use safety fuses to suit the application 2.7 Ensure use of explosives complies with relevant legislative requirements and Australian Standards

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
Numeracy	Calculate and weigh out the amount of explosive required to achieve the required explosive blast energy

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
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Code and title current version	Code and title previous version	Comments	Equivalence status
AHCEXP304 Identify and select explosive products	AHCEXP302 Identify and select explosive products	Minor changes to Application and minor changes and addition of Performance Criteria for clarity Foundation Skills added Updated Performance Evidence, 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>