



Australian Government

Assessment Requirements for AHCEXP303

Prepare and use explosives

Release: 1

Assessment Requirements for AHCEXP303 Prepare and use explosives

Modification History

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

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:

- obtained permits and licenses for blasting
- informed neighbours and posted notices for blasting
- prepared blast site to place the explosive
- prepared explosives and initiator device according to best safety practice and regulations
- placed and fired charges according to best safety practice and regulations
- conducted post-firing procedures for misfires, site checks, the disposal of surplus, unserviceable and defective explosives, and recording procedures
- used explosives safely and effectively according to workplace requirements
- disposed of surplus, defective or unwanted detonators or explosives safely
- mixed explosives components correctly and uniformly
- applied regulations relating to explosives used according to workplace requirements
- maintained records.

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:

- fire precautions and prevention procedures
- explosives mixing procedures and safe handling
- calculations required for mixing explosives for size of blast
- explosives preparation, placement, firing and post-firing procedures
- prescribed timing and/or practice drills for misfire, including the use of water jets and additional charges
- regulations relating to explosives use in the workplace and applications and permits required

- use, storage and detonation of explosives
- environmental issues and risks to livestock, natural landscape and contamination
- the Australian Standard relating to preparing and using explosives, which includes:
 - operations prior to charging
 - charging
 - preparation for firing
 - firing
 - misfires
 - preparation of primers.

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 an environment that accurately represents workplace conditions and that exposes individuals to live detonation conditions
 - safe transport and storage facilities suitable for explosives
- resources, equipment and materials:
 - explosives, detonators and fuses
 - safety equipment
- specifications:
 - policies, procedures, processes for the safe use of explosives
 - explosives safety data sheets
 - workplace instructions/job specifications for a blasting operation
 - legislation and Australian Standards for the use of explosives
- relationships:
 - neighbours and stakeholders
 - supervisor, shot firer.

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

Links

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