



Australian Government

DEFEXO018 License explosive facilities and potential explosion sites

Release: 1

DEFEXO018 License explosive facilities and potential explosion sites

Modification History

Release 1. This unit was released in DEF Defence Training Package release 3.0

Application

This unit describes the skills required to inspect and license explosive ordnance facilities and potential explosion sites and review current licences. Explosive ordnance licensing applies to all potential explosion sites and is part of the quality and safety control processes. It includes inspecting the potential explosive facility, applying formulae to determine the net explosive quantity and compatibility for the facility, and preparing the licensing documentation for approval.

This unit applies to personnel who are required to license explosive ordnance facilities and potential explosion sites and review current licences.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work independently and as part of a team, under indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. They would perform complex tasks in a broad range of contexts.

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

Pre-requisite Unit

Not applicable.

Competency Field

Explosive Ordnance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

- | | |
|---|--|
| 1 Plan and prepare for licensing | 1.1 Identify and confirm explosive ordnance facility to be licensed

1.2 Identify and assemble documentation related to the facility

1.3 Liaise with relevant personnel

1.4 Review previous licensing history documentation |
| 2 Inspect facility | 2.1 Confirm serviceability of the facility

2.2 Confirm construction standards of the facility

2.3 Take measurements in accordance with licensing requirements

2.4 Apply formulae and perform calculations on measurements

2.5 Compare data to licensing requirements to identify shortfalls |
| 3 Prepare licence application | 3.1 Confirm shortfalls have been rectified

3.2 Prepare licensing documentation and forward to approving authority

3.3 Ensure documentation, records and reports related to the facility licence are maintained |

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 may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit supersedes and is equivalent to DEFEXO067 License explosive ordnance facilities and potential explosive sites.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Assessment Requirements for DEFEXO018 License explosive facilities and potential explosion sites

Modification History

Release 1. These Assessment Requirements were released in DEF Defence Training Package release 3.0

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and includes:

- calculating licensing requirements
- communicating with relevant personnel effectively
- identifying problems and non-adherence to policy and standards
- undertaking measurements of volume, length, width, perimeter and area

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and includes:

- communication protocols
- operational knowledge of:
 - documentation requirements
 - explosive ordnance licensing formulae
 - inspection procedures
 - policies and procedures applicable to licensing

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

Links

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