



**Australian Government**

# **DEFEO211D Apply a knowledge of explosive ordnance**

**Release: 2**

## DEFEO211D Apply a knowledge of explosive ordnance

### Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

### Unit Descriptor

This unit covers the competency required to analyse and apply knowledge of explosive ordnance that is required to support a variety of applications including acquisitions, audits, inspections, policy implementation, technical manual development, platform integration, configuration, staff processes, transport, disposal, trials and inter-operability.

### Application of the Unit

This competency normally applies to the individual who is required to analyse and apply knowledge of explosive ordnance.

The application of explosive ordnance knowledge is specific to the work being undertaken and may be included within a variety of applications including acquisitions, audits, inspections, policy implementation, technical manual development, platform integration, configuration, staff processes, transport, disposal, trials and inter-operability. It includes the specific knowledge of explosive ordnance that is required to support these applications.

### Licensing/Regulatory Information

Not applicable.

### Pre-Requisites

Not applicable.

### Employability Skills Information

This unit contains employability skills.

## Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where *bold italicised* text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

## Elements and Performance Criteria

### ELEMENT

### PERFORMANCE CRITERIA

1. **Access and analyse relevant explosive ordnance information**

- 1.1 Relevant explosive ordnance *safety, legislative and statutory requirements* are identified and obtained
- 1.2 Information obtained is analysed to determine the relevance and application to the *organisation*
- 1.3 Outcomes of the analysis are formulated and recommendations relevant to safety, legislative and statutory requirements are provided

2. **Implement recommendations specific to explosive ordnance**

- 2.1 Work health and safety (WHS) requirements relevant to explosive ordnance are applied in accordance with the organisational requirements
- 2.2 Work being undertaken is established and the relevant recommendations are applied in accordance with organisational requirements
- 2.3 Effectiveness of the recommendations is assessed, reviewed and recorded
- 2.4 Recommendations are adjusted if required and documented for future application

## Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

### Required Skills

- analyse and evaluate information
- apply explosive ordnance knowledge relevant to work being performed
- apply safety, legislative and statutory requirements relevant to explosive ordnance
- identify information
- interpret organisational role relevant to explosive ordnance
- use appropriate information technology and software

### Required Knowledge

- application of explosive ordnance
- design principles of explosive ordnance
- effects of explosive ordnance
- explosive ordnance audit and inspections requirements
- explosive ordnance knowledge relevant to work being performed
- explosive ordnance maintenance procedures
- explosive ordnance storage, handling and transportation requirements
- general properties of explosive ordnance
- inter-operability of explosive ordnance
- organisational role relevant to explosive ordnance
- safety, legislative and statutory requirements relevant to explosive ordnance
- specific properties of explosive ordnance including:
  - chemical properties
  - physical properties
  - materials and structures properties
- weapon system and platform integration
- written communication to a level required in the preparation of letters and reports

## Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

### **Critical aspects for assessment and evidence required to demonstrate competency in this unit**

Assessment must confirm the ability to:

- adhere to relevant WHS requirements and operational safety
- apply knowledge of explosive ordnance to assist in work and to guide problem solving

### **Consistency in performance**

Competency should be demonstrated in a range of actual or simulated explosive ordnance contexts.

### **Context of and specific resources for assessment**

#### **Context of assessment**

Competency should be assessed in the workplace or under conditions that accurately simulate a realistic workplace in accordance with all relevant legislation and organisation requirements.

#### **Specific resources for assessment**

Access is required to:

- information related to the properties of explosive ordnance

### **Method of assessment**

In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook.

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an industry-approved simulated work environment. Forms of assessment that are typically used include:

- direct observation
- interviewing the candidate
- journals and workplace documentation
- third party reports from supervisors
- written or oral questions

## Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

<b><i>Safety, legislative and statutory requirements</i></b> may include:	<ul style="list-style-type: none"> <li>• Australian explosives code</li> <li>• Commonwealth explosives regulations</li> <li>• Organisational explosive classification listing</li> <li>• Organisational policy</li> </ul>
<b><i>Organisations</i></b> may include:	<ul style="list-style-type: none"> <li>• Defence organisation</li> <li>• Enterprises that work with explosive ordnance</li> <li>• Other government departments or instrumentalities that work with explosive ordnance</li> </ul>

## Unit Sector(s)

Not applicable.