



Australian Government

DEFEXO122 Plan explosive trials

Release: 2

DEFEXO122 Plan explosive trials

Modification History

Release 2. Modifications made to Foundation Skills and Assessment Conditions.

Release 1. This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

This unit supersedes and is equivalent to DEFEO602C Plan explosive ordnance trials.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- Unit title changed to better reflect unit outcomes
- PC 2.4 removed

Application

This unit describes the skills required to plan trials in the explosive research environment.

Explosive trials are normally conducted to select new weapons systems or explosives. Trials are a common component of explosive research and involve a number of personnel both in their planning and implementation.

This unit applies to personnel who are required to prepare, plan and monitor/amend trials in the explosive research environment.

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 using discretion and judgement and taking responsibility for the quality of their outputs. They would perform complex tasks in a 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 Develop approach to trials

- 1.1** Identify and analyse trial requirements and confirm details by follow up consultation
- 1.2** Identify, analyse and select trial methodologies
- 1.3** Identify, analyse and select trial evaluation procedures
- 1.4** Identify, analyse and select task requirements

2 Plan for trials

- 2.1** Obtain or confirm information on resource requirements and availability
- 2.2** Plan information support systems for the trial in accordance with the identified requirements, including achievable reporting and recording processes
- 2.3** Negotiate and resolve coordination issues
- 2.4** Produce trial plan including appropriate resource requirements and documentation and forward to relevant parties

3 Monitor trials

- 3.1** Monitor trial plan and amend based on changing circumstances
- 3.2** Liaise with those conducting the trial

4 Analyse and report on trial results

- 4.1** Collect and report data generated by the trial in accordance with the agreed methodology
- 4.2** Provide options and recommendations resulting from the trial in a clear and comprehensive format
- 4.3** Produce and maintain post-trial reports, statistical reports and other records in accordance with requirements

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 DEFEO602C Plan explosive ordnance trials.

Links

Companion Volume implementation guides are found in VETNet -

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