



Australian Government

DEFEXO012 Conduct electrical/electronic circuitry tests

Release: 3

DEFEXO012 Conduct electrical/electronic circuitry tests

Modification History

Release 3. Assessment Conditions clarified in relation to simulation being an assessment option.

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 DEFEO508D Conduct electrical/electronic circuitry tests.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.2 removed,
- PC 3.1 reworded

Application

This unit describes the skills required to set up and conduct simple electrical/electronic circuitry tests on explosive ordnance or component parts. These tests are required to be conducted on a wide range of explosive ordnance during maintenance procedures.

This unit applies to those required to set up and conduct simple electrical/electronic circuitry tests on explosive ordnance or component parts.

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 direct and/or indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. They would perform specific 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

Elements describe the essential outcomes.

1 Prepare electrical/electronic circuitry for testing

PERFORMANCE CRITERIA

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

1.1 Identify testing requirements from work requests/instructions

1.2 Identify, acquire and prepare technical references, tools and equipment required for the tests

1.3 Identify, acquire, prepare, move and position explosive ordnance or component parts in preparation for the task

1.4 Identify, calculate and assess net explosive quantities and compatibility and apply throughout the operation

1.5 Monitor and maintain environmental conditions

2 Conduct electrical/electronic circuitry tests

2.1 Conduct required tests

2.2 Record and maintain test results

2.3 Interpret emergency procedures and apply contingency plans

3 Finalise post test procedures

3.1 Return explosive ordnance or component parts to storage

3.2 Ensure serviceability of equipment/tools

3.3 Maintain documentation and records

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 DEFEO508D Conduct electrical/electronic circuitry tests.

Links

Companion Volume implementation guides are found in VETNet -

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