



Australian Government

DEFEXO104 Operate an in-service remote positioning vehicle

Release: 2

DEFEXO104 Operate an in-service remote positioning vehicle

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 DEFCM314A Operate an in-service remote positioning vehicle.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.6 and 2.1 removed

Application

This unit describes the skills required to plan and prepare for remote positioning vehicle (RPV) operations, operate an RPV and associated components, carry out operator maintenance, and complete related housekeeping activities.

This unit applies to those operating and maintaining a RPV as part of a task.

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 under indirect supervision while performing routine 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Plan and prepare for RPV operations

- 1.1** Identify and confirm requirements to operate an in-service RPV
- 1.2** Identify and consider potential risks and hazards related to the operation of the RPV
- 1.3** Determine the requirements for an RPV control area location
- 1.4** Identify safe routes to and from control area to the task location
- 1.5** Apply RPV start up procedures

2 Operate remote positioning vehicle

- 2.1** Operate RPV in accordance with operational requirements
- 2.2** Operate fixed component tools in accordance with task requirements
- 2.3** Monitor control panel warning indicators throughout the task
- 2.4** React to faults
- 2.5** Apply RPV shut down procedures

3 Carry out operator maintenance

- 3.1** Conduct inspections and checks to maintain remote positioning vehicle
- 3.2** Conduct operator maintenance
- 3.3** Test, adjust or replace fixed component tools

4 Complete housekeeping activities

- 4.1** Clean and store RPV
- 4.2** Finalise records and documentation

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 DEFCM314A Operate an in-service remote positioning vehicle.

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 DEFEXO104 Operate an in-service remote positioning vehicle

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 DEFCM314A Operate an in-service remote positioning vehicle.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.6 and 2.1 removed

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:

- applying workplace instructions and procedures
- displaying sufficient hand and eye coordination to operate an RPV
- identifying potential risks and hazards and ways of controlling the risks and hazards involved
- identifying problems that may occur during the task and action that can be taken to report or resolve the problems
- modifying activities to cater for variations in workplace contexts and environment
- operating fibre optic control
- operating radio controlled transmitter/receiver
- reading and interpreting operational and technical data, instructions and manuals
- testing and identifying remote control faults

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:

- operational knowledge of:
 - fixed component tools technical capability and limitations
 - operational procedures and checks
 - remote operational procedures
 - RPV technical capability and limitations
 - standard procedures, operational requirements and instructions to operate an RPV

- storage procedures

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

Companion Volume implementation guides are found in VETNet -

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