



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFCA002B Operate remote sensors to detect targets

Revision Number: 1

PUADEFCA002B Operate remote sensors to detect targets

Modification History

Not applicable.

Unit Descriptor

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This unit covers the competency required to install sensors as directed by the operational plan in order to detect targets and to provide information to a remote control facility.

The operator will work as part of a team and will be under supervision.

Application of the Unit

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The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s Nil

Employability Skills Information

Employability Skills 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 Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. Prepare for operation

- 1.1 Purpose and requirement of the surveillance activity is received from written or verbal instructions issued by supervisor
- 1.2 Specifications of the tasks are confirmed and where necessary clarified with supervisor
- 1.3 **Surveillance equipment** required for the task is identified and selected
- 1.4 Surveillance equipment is checked for serviceability in accordance with **standard procedures**

2. Prepare and maintain a location

- 2.1 Designated position is occupied, reference points are established and information is documented
- 2.2 Surveillance equipment is deployed in accordance with supervisor's directions and standard procedures
- 2.3 **Optimal configuration** is confirmed with supervisor
- 2.4 Equipment is tested to ensure functionality and is confirmed with the control facility
- 2.5 Site is camouflaged
- 2.6 Communications are maintained with stakeholders
- 2.7 **Operational maintenance** is conducted as required

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required Skills

- apply operational safety
- apply relevant OH&S requirements
- conduct equipment maintenance
- fieldcraft skills including tactical movement and camouflage
- interpret and respond to orders
- observation, recording and reporting skills
- participate in weapon drills
- use communication systems
- use equipment/instruments

Required Knowledge

- characteristics and effects of hostile and friendly equipment and weapons
- nature of the threat environment
- relevant OH&S constraints
- Rules of Engagement
- sensor equipment characteristics and limitations
- tactical techniques and procedures
- target recognition

Evidence Guide

EVIDENCE GUIDE

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

Assessment must confirm the ability to interpret directions from supervisors; and to select the appropriate configuration and location, and the physical installation and maintenance of remote sensors to maximise the desired coverage of hostile areas.

Consistency in performance

Competency should be demonstrated on deployment of equipment in a number of different environments.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in an operational or simulated operational environment. The simulation should replicate the live environment where stress and fatigue are key features.

Specific resources for assessment

Access to appropriate surveillance equipment and an appropriate field site.

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

Range Statement

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.

| | |
|--|---|
| Surveillance equipment may include | <ul style="list-style-type: none"> Camera Satellite communications equipment Thermal imaging equipment Unattended ground sensors Video equipment |
| Standard procedures may include | <ul style="list-style-type: none"> Australian Standards Doctrine Job guides, pamphlets and other publications Manufacturers' handbooks, industry specifications and technical instructions Occupational health and safety (OH&S) regulations Organisational policies and procedures Relevant local government by-laws Relevant state/territory or federal legislation Verbal or written orders or job instructions |
| Optimal configuration will include consideration of | <ul style="list-style-type: none"> Detection priorities Environmental conditions Ground Likely threat approaches and actions Type of targets anticipated |
| Operational maintenance may include | <ul style="list-style-type: none"> Battery replacement Cleaning Inspecting Testing |

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil