



**Australian Government**

# **DEFOH005B Apply radio frequency radiation safety procedures**

**Release: 2**

## DEFOH005B Apply radio frequency radiation safety procedures

### Modification History

Release	TP Version	Comments
2	DEF12V2	Removal of repetitive Performance Criteria Statement Application added Minor change to Unit Descriptor and Range Statement Changes to Evidence Guide
1	DEF12V1	Primary release.

### Unit Descriptor

This unit covers the competency required to apply appropriate safety procedures or plans related to the control or mitigation of radio frequency radiation, including micro-waves, and radar and radio transmissions.

The unit includes researching and consulting about and applying procedures within an organisation that have been specifically developed for the organisation.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication. In a Defence context, this means that there is no civilian need to hold this unit in order to meet licensing, legislative, regulatory or certification requirements.

### Application of the Unit

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.

Evidence should be gathered while observing the individual developing the noise management plans. A record of all relevant research and interviews should also be submitted as evidence for assessment.

All aspects of this unit must be conducted in adherence with organisational policy, procedures and guidelines, including relevant:

- Australian or international standards
- Equipment manufacturers' specifications
- Legislation
- Risk assessments
- Previous testing reports
- Standing Operating Procedures (SOPs)

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## 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 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. <b>Prepare for the application of workplace radio frequency emission safety procedures/plans</b>	1.1 Source of radio frequency radiation is identified. 1.2 Existing <b>organisational records</b> relevant to the radiation are identified and accessed. 1.3 <b>Work health and safety (WHS) requirements</b> including those contained in organisational procedures, are applied throughout the operation. 1.4 Appropriate consultation with <b>stakeholders</b> is conducted.
2. <b>Implement radio frequency radiation safety procedures/plans</b>	2.1 Appropriate radio frequency radiation <b>protective measures</b> are employed. 2.2 Relevant notices/signs are displayed or published. 2.3 Radio frequency radiation sources are handled in accordance with legislation, standards and/or organisational policy, procedures and guidelines.
3. <b>Maintain workplace radio frequency radiation safety documentation</b>	3.1 Workplace radio frequency radiation records are maintained. 3.2 Equipment/instrument deployment and maintenance records/documentation are maintained.

## Required Skills and Knowledge

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

### Required Skills

- access, read, interpret and apply information on radio frequency radiation

### Required Knowledge

- WHS requirements for workplace supervisors
- relevant Australian and international standards
- relevant award provisions
- relevant organisational policy and standards

## Evidence Guide

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

Assessment must confirm the ability to:

- prepare for the application of workplace radio frequency emission safety procedures/plans
- implement radio frequency radiation safety procedures/plans
- maintain workplace radio frequency radiation safety documentation
- apply knowledge of relevant work health and safety legislative frameworks and Australian standards
- identify inspection tools and methods appropriate to the workplace
- apply principles and practices of work health and safety and Australian standards
- identify intervention points for advice to assist in work and to guide problem solving

### Consistency in performance

Evidence for competency in this unit must be gathered over time and across a range of workplace or simulated situations.

### 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.

Evidence should be gathered while observing the individual applying radio frequency radiation safety procedures in an actual or simulated workplace. A record of all relevant research and interviews should be submitted as evidence for assessment.

#### Specific resources for assessment

Access to relevant research material, manufacturers' equipment specifications and existing related standards, policy and instructions.

## 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>Organisational records</i></b> may include:	<ul style="list-style-type: none"> <li>• Electronic records</li> <li>• Inventories</li> <li>• Journals</li> <li>• Registers</li> <li>• Relevant Australian Standards (such as AS/NZS 1269.2:1998 Occupational Radio Frequency Management, Part 2: Radio frequency control management)</li> </ul>
<b><i>Work health and safety requirements</i></b> may include:	<ul style="list-style-type: none"> <li>• Award provisions</li> <li>• State/territory/commonwealth and local government legislation and by-laws</li> </ul>
<b><i>Stakeholders</i></b> may include:	<ul style="list-style-type: none"> <li>• External agencies</li> <li>• Government/agency regulators/inspectors</li> <li>• Immediate supervisors</li> <li>• Internal agencies</li> <li>• WHS representatives</li> <li>• Other interested parties, including members of the public</li> <li>• Relevant personnel in the chain of command</li> <li>• Unit managers</li> </ul>
<b><i>Protective measures</i></b> may include:	<ul style="list-style-type: none"> <li>• Barriers/guards</li> <li>• Limitations on operation of specific equipment/machines</li> <li>• Personal protective equipment</li> </ul>

## Unit Sector(s)

Not applicable.