



Australian Government

DEFWHS003 Apply radio frequency radiation safety procedures

Release: 2

DEFWHS003 Apply radio frequency radiation safety procedures

Modification History

Release 2.0. This is the second release of this unit of competency in the DEF Defence Training Package Release 4.0. Modifications have been made to the following:

- Foundation Skills
- Range of Conditions
- Assessment Conditions.

Release 1.0. 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 DEFOH005B Apply radio frequency radiation safety procedures.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.3 removed.

Application

This unit describes the skills required to apply appropriate safety procedures or plans related to the control or mitigation of radio frequency radiation, including microwaves, radar radio transmissions. This includes researching, consulting about and applying procedures that have been specifically developed for the organisation.

This unit was developed for Defence workers involved in application of radio frequency radiation procedures and also applies to individuals who work in this field.

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 or as part of a team, under indirect supervision. They must be able to use discretion and judgement and take responsibility for the quality of their outputs. They would perform complex tasks in a range of familiar contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Work Health and Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for the application of workplace radio frequency radiation safety procedures/plans

PERFORMANCE CRITERIA

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

1.1 Identify source of radio frequency radiation

1.2 Identify and access existing organisational records relevant to the radiation

1.3 Conduct consultation with stakeholders

2 Implement radio frequency radiation safety procedures/plans

2.1 Employ radio frequency radiation protective measures

2.2 Display or publish relevant notices/signs

2.3 Handle radio frequency radiation sources

3 Maintain workplace radio frequency radiation safety documentation

3.1 Maintain workplace radio frequency radiation records

3.2 Maintain equipment/instrument deployment and maintenance records/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 DEFOH005B Apply radio frequency radiation safety procedures.

Links

Companion Volume Implementation Guides are found on VETNet -

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

Assessment Requirements for DEFWHS003 Apply radio frequency radiation safety procedures

Modification History

Release 2.0. This is the second release of this unit of competency in the DEF Defence Training Package Release 4.0. Modifications have been made to the following:

- Assessment Conditions.

Release 1.0. These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages.

Assessment Requirements created drawing upon specified assessment information from superseded unit.

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:

- accessing, reading, interpreting and applying information on radio frequency radiation
- applying knowledge of relevant work health and safety legislative frameworks and Australian standards
- identifying inspection tools and methods appropriate to the workplace
- applying principles and practices of work health and safety and Australian standards
- identifying intervention points for advice to assist in work and to guide problem solving.

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 include knowledge of:

- WHS requirements for workplace supervisors
- relevant Australian and international standards
- relevant organisational policy, standards and guidelines including:
 - Australian or international standards
 - equipment manufacturers' specifications
 - legislation
 - risk assessments
 - previous testing reports
 - Standing Operating Procedures (SOPs).

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 on VETNet -

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