



Australian Government

DEFWHS001 Identify and monitor radiation hazards

Release: 2

DEFWHS001 Identify and monitor radiation hazards

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:

- 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 DEFOH003B Identify and monitor radiation hazards.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.3 reworded
- PC 2.1 and 3.1 revised
- Element 1 one new PC.

Application

This unit involves the skills and knowledge required to identify and monitor radiation hazards. It includes effective identification of sources of radiation, non-ionising and ionising radiations, and implementing hazard controls.

This unit applies to Defence personnel involved in identifying and monitoring radiation hazards as part of a workplace responsibility but is applicable to all individuals who work in this field. 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.

Licensing conditions may be required for those working in this field.

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 Identify workplace radiation hazards

2 Monitor radiation abatement plans or controls

3 Maintain workplace radiation records/documentation

PERFORMANCE CRITERIA

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

1.1 Identify source of radiation and/or equipment

1.2 Identify and access existing organisational records relevant to the radiation

1.3 Apply regulatory requirements, including those contained in organisational procedures, throughout the operation

1.4 Take immediate action to bring source of radiation under control

1.5 Conduct consultation with stakeholders

2.1 Monitor pre-existing controls and determine controls are adequate

2.2 Record and report breaches of protocols, plans and local controls

2.3 Inspect monitoring equipment regularly, where installed

3.1 Maintain radiation safety management plans

3.2 Maintain equipment/instrument deployment and maintenance records/documentation

3.3 Maintain inventory of radiation sources

3.4 Maintain records of radiation exposure

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 DEFOH003B Identify and monitor radiation hazards.

Links

Companion Volume Implementation Guides are found on VETNet -

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