



Australian Government

DEFWHS007 Work safely with lasers

Release: 2

DEFWHS007 Work safely with lasers

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 and 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 DEFOH009B Work safely with lasers.

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

Application

This unit involves the skills and knowledge required to work safely with lasers.

It includes identifying Australian Standard class lasers, understanding potential laser hazards, and preparing appropriate laser safety controls, labels and signage.

This unit applies to identifying Australian Standard class lasers, understanding potential laser hazards, and preparing appropriate laser safety controls, labels and signage. 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 routine tasks in a range of familiar contexts.

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

Pre-requisite Unit

Not applicable.

Competency Field

Work Health & Safety

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Identify laser safety issues

2 Apply safe work practices

3 Report on workplace laser incidents

PERFORMANCE CRITERIA

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

1.1 Identify potential laser source

1.2 Identify type of laser and its Australian Standard class

1.3 Identify dangers/risks associated with lasers

1.4 Apply laser safety controls

1.5 Identify and interpret laser warning signage

2.1 Identify lasers deployed in the workplace

2.2 Identify and interpret laser exposure situations

2.3 Identify and apply appropriate personal protective equipment

2.4 Identify and adhere to other control measures

3.1 Apply incident reporting procedures

3.2 Comply with health surveillance requirements, including eye testing

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 DEFOH009B Work safely with lasers.

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 DEFWHS007 Work safely with lasers

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 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 laser operations
- identifying laser sources
- identifying laser safety issues
- applying safe work practices
- monitoring and reporting on workplace incidents
- identifying inspection tools and methods appropriate to the workplace
- 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 relevant to laser emissions in the workplace
- organisational policy and standards relevant to laser operations emissions
- principles and practices of WHS when working with lasers.

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

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