



Australian Government

DEF32512 Certificate III in Explosive Ordnance Proof and Experimental

Release 2

DEF32512 Certificate III in Explosive Ordnance Proof and Experimental

Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted. No changes to content.
1	DEF12 V1	First release.

Description

Not applicable.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for DEF32512 Certificate III in Explosive Ordnance Proof and Experimental

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the DEF32512 Certificate III in Explosive Ordnance Proof and Experimental have been reproduced in the table below.

This table provides an example of Employability Skills for the qualification because Employability Skills within a qualification will vary depending on the qualification packaging options.

Defence qualifications have core units (which must be achieved) and elective units (where there is a choice of units which must be achieved) so different Employability Skills Summaries are possible within the one qualification, depending on the package of core units and chosen elective units.

Employability Skill	Employability Skills Statement
Communication	<ul style="list-style-type: none"> • access and clarify safety procedures and instructions • access, read, interpret and apply information on safety • follow instructions/directives and report information • identify, analyse and confirm requirements to enter an explosive ordnance storage area/facility from work requests/instructions • identify and act on or report, breaches in site safety • identify and note organisation incident and injury statistics • identify and report incidents • identify documentation and licensing limitations • identify hazardous materials labels and characteristics • obtain relevant authorisation before specialised and hazardous work is carried out • read to a level required to interpret job instructions, workplace forms and reports • record and report details of first aid administered • record and report incidents and injuries • use a variety of verbal and non-verbal communication techniques • write at the level required to complete workplace documentation and reports
Teamwork	<ul style="list-style-type: none"> • apply principles of team work, and team aims and objectives • encourage other team members • liaise with relevant personnel • recognise individual differences in the workplace, to value these differences and to adjust behaviour to account for these differences
Problem solving	<ul style="list-style-type: none"> • apply emergency and contingency procedures • assess and apply compatibility • calculate and apply net explosive quantity • prepare procedures to rectify problems or non-adherence to policy

	<p>identified during the inspection</p> <ul style="list-style-type: none"> • use knowledge of service environments to assist in work and to guide problem solving
Initiative and enterprise	<ul style="list-style-type: none"> • maintain and/or refurbish site/equipment in accordance with organisational policies and procedures, and Range Standing Orders • undertake liaison and notification of parties affected by the disposal in accordance with organisational policies and procedures and Range Standing Orders
Planning and organising	<ul style="list-style-type: none"> • apply occupational health and safety requirements including those contained in organisational procedures, throughout the operation • determine the task/s to be performed, the resources to be allocated and the constraints that must be observed for their achievement • develop and implement an explosive ordnance and/or weapons system policy • prepare and plan inspection • prepare for disposal • prepare for entry • research and identify environmental extremes related to the service environments
Self-management	<ul style="list-style-type: none"> • apply personal safety measures • ensure personal behaviour shows sensitivity to the differences between colleagues • meet personal protection equipment requirements • recognise and apply individual responsibilities regarding hazardous materials
Learning	<ul style="list-style-type: none"> • learn about Depot Standing Instructions, Section Procedural Instructions (SPI), Departmental Maintenance Procedure Instructions (DMPI) and Technical Instructions Armament Depots (TIAD) • learn about legislation such as Racial Discrimination Act 1975; Sex Discrimination Act 1984; Human Rights and Equal Opportunity Commission Act 1986; Privacy Act 1988; Occupational Health and Safety (Commonwealth Employment) Act 1991; Disability Discrimination Act 1992
Technology	<ul style="list-style-type: none"> • apply relevant characteristics and requirements of the explosive ordnance to be loaded/unloaded • defuse and fuse explosive ordnance • identify, prepare and position lifting/transfer equipment appropriate for the loading/unloading task • understand characteristics and limitations of fuses • understand explosive ordnance • use appropriate information technology and software

Packaging Rules

18 units of competency are required for this qualification including:

- 5 core units
- 13 elective units

Choose a minimum of 11 elective units from the Group A (Specialisation) and Group B (General) elective lists below, of which 5 must be taken from Group A.

Choose the remaining 2 elective units from either the elective lists below, **or** elsewhere within this training package, **or** another endorsed training package, **or** accredited course.

Where a pre-requisite unit is attached to an elective unit it is identified by this symbol ⊥.

The pre-requisite units attached to any of the elective units must be undertaken and are additional to the number of elective units required for the qualification.

The elective units should be selected from the units that most closely align to an individual's occupational outcomes. Electives selected must not duplicate outcomes of other units.

Elective units selected must not duplicate content already covered by other units in this qualification.

Code	Core Units
DEFEO101D	Work safely with explosive ordnance
DEFEQ001C	Work with equity and diversity
HLTFA211A	Provide basic emergency life support
PSPOHS301A	Contribute to workplace safety
TLID1001A	Shift materials safely using manual handling methods
Code	Group A Elective Units (Specialisation)
DEFEO204C	Examine and certify free from explosive ordnance
DEFEO206C	Apply a knowledge of the service environment
DEFEO401D	Load and unload platforms
DEFEO505D	Breakdown explosive ordnance
DEFEO506D	Fuze and defuze explosive ordnance
DEFEO507D	Assemble and disassemble explosive components

DEFEO800A	Prepare proof firing points
DEFEO801A	Undertake proof firings of small arms
DEFEO802A	Undertake proof firings of other calibre weapons
DEFEO807A	Prepare explosive ordnance for proof tests
DEFEO808B	Prepare explosives for metal hardening
DEFEO815A	Operate small watercraft
DEFRI001B	Treat risk within Defence at an operational level
DEFRI002B	Conduct risk assessment in a Defence environment
TLID2016A	Load and unload explosives and dangerous goods
Code	Group B Elective Units (General)
BSBSUS201A	Participate in environmentally sustainable work practices
DEFCA003B	Operate a radar to locate targets
DEFCA208B	Maintain radar systems at field operator level
DEFEO008	Follow security procedures
DEFEO201C	Respond to fire
DEFEO202D	Establish and maintain the safety and security of explosive warehouses and workshops
DEFEO203C	Dispose of non-explosive dangerous goods
DEFEO301D	Package ammunition
DEFEO302D	Unpackage ammunition
DEFEO303D	Monitor explosive ordnance environmental conditions
DEFEO501D	Conduct explosive ordnance inspection
DEFEO502D	Conduct external explosive ordnance maintenance
DEFEO503C	Conduct explosive ordnance packaging inspection
DEFEO508D	Conduct electrical/electronic circuitry tests

DEFSO001C	Operate a radar system
PUAOPE013A	Operate communications systems and equipment
PUAWER004B	Respond to workplace emergencies
TLIA3015A	Complete receipt/despatch documentation
TLID2012A	Operate specialised load shifting equipment
TLIF2012A	Apply safe procedures when handling/transporting dangerous goods or explosives
TLIF1002A	Conduct housekeeping activities