



Australian Government

DEF42315 Certificate IV in Explosive Ordnance Manufacture

Release 1

DEF42315 Certificate IV in Explosive Ordnance Manufacture

Modification History

Release	Comments
1	<p>This qualification was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.</p> <p>This qualification supersedes and is equivalent to DEF41912 Certificate IV in Explosive Ordnance Manufacture.</p> <ul style="list-style-type: none">• DEF unit codes updated• Imported units updated• DEFEO208C, DEFEO209C and DEFEO509D removed from elective units• DEFGEN024 and DEFGEN025 added to elective units

Qualification Description

This qualification allows for the attainment of competencies in explosive ordnance manufacture.

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

Packaging Rules

18 units of competency are required for this qualification:

- 4 core units
- 14 elective units

Choose a minimum of 12 electives from the list below, of which at least 7 must be taken from Group A.

Choose the remaining 2 electives from the list below or from elsewhere within this training package, or from another endorsed training package, or from an accredited course.

All elective units selected from outside this qualification must reflect the occupational and learning outcomes of this AQF qualification level. Seek further advice on selecting imported units of competency in the DEF Implementation Guide.

Where a prerequisite unit is attached to an elective unit it is identified by this symbol ⊥.

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

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

Core units	
DEFEXO001	Work safely with explosive ordnance
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
MSAPMOHS210B	Undertake first response to non-fire incidents
TLID1001A	Shift materials safely using manual handling methods
Group A: Specialisation units	
DEFGEN025	Control engineering and logistic processes

DEFEXO082	Apply a knowledge of explosives
DEFEXO067	License explosive facilities and potential explosive sites
DEFEXO021	Breakdown explosive ordnance
DEFEXO041	Maintain grenades
DEFEXO042	Maintain mortar ammunition
DEFEXO043	Maintain actuating devices
DEFEXO044	Maintain pyrotechnics and countermeasures
DEFEXO045	Maintain guided weapons
DEFEXO046	Maintain free flight rockets
DEFEXO047	Maintain gun ammunition
DEFEXO048	Maintain aerial delivered ordnance
DEFEXO049	Maintain mines
DEFEXO050	Maintain demolition stores
DEFEXO121	Assess explosive firings
DEFEXO122	Plan explosive trials
DEFEXO123	Conduct explosive trials
DEFEXO124	Perform explosive tests, measurements and analyses
DEFEXO128	Conduct explosive firings
BSBWOR404	Develop work priorities
MSAPMOPS400A	Optimise process/plant area └ MSAPMSUP390A Use structured problem solving tools
MSAPMOPS401A	Trial new process or product
PMAOPS410B	Monitor remote production facilities
PMAOPS411B	Manage plant shutdown and restart
PMASUP440B	Commission/recommission plant

TLIF4007A	Implement and coordinate accident-emergency procedures
Group B: General elective units	
DEFEXO002	Respond to fire
DEFEXO003	Establish and maintain the safety and security of explosive warehouses and workshops
DEFEXO103	Dispose of non-explosive dangerous goods
DEFEXO081	Apply a knowledge of the service environment
DEFEXO066	Inspect explosive facilities
DEFGEN024	Supervise engineering and logistic tasks
DEFEXO022	Fuze and defuze explosive ordnance
DEFEXO023	Assemble and disassemble explosive components
DEFGEN008	Treat risk within Defence at an operational level
DEFGEN007	Conduct risk assessment in a Defence environment
BSBSUS301A	Implement and monitor environmentally sustainable work practices
BSBLDR403	Lead team effectiveness
MSS404060A	Facilitate the use of planning software systems in a work area or team
MSS404061A	Facilitate the use of SCADA systems in a team or work area
MSS402060A	Use planning software systems in manufacturing
MSS403001A	Implement competitive systems and practices
MSACMS401A	Ensure process improvements are sustained
MSS403005A	Facilitate use of a Balanced Scorecard for performance improvement
MSS403010A	Facilitate change in an organisation implementing competitive systems and practices
MSS403051A	Mistake proof a production process
MSS404050A	Undertake process capability improvements └ MSS404052A Apply statistics to processes in manufacturing

MSS404052A	Apply statistics to processes in manufacturing
MSS404081A	Undertake proactive maintenance analyses
MSS404082A	Assist in implementing a proactive maintenance strategy
PUAEMR022	Establish context for emergency risk assessment
PUAEMR023	Assess emergency risk └ PUAEMR022 Establish context for emergency risk assessment
PUAEMR024	Develop treatment options for emergency risk
PUAEMR025	Manage risk treatment implementation
PUAEMR026	Treat operational risk └ PUAEMR027 Assess operational risk
PUAEMR027	Assess operational risk
TLIB3006A	Carry out inspection of vehicles designed to carry special loads
TLIC3063A	Operate vehicle carry special loads
TLID2016A	Load and unload explosives and dangerous goods
TLID3015A	Identify and label explosives and dangerous goods

Qualification Mapping Information

DEF12 V2 Code	DEF12 V2 Title	E/NE	DEF Code	DEF Title	Comments
DEF41912	Certificate IV in Explosive Ordnance Manufacture	E	DEF42315	Certificate IV in Explosive Ordnance Manufacture	<ul style="list-style-type: none">• DEF unit codes updated• Imported units updated• DEFEO208C, DEFEO209C and DEFEO509D removed from elective units• DEFGEN024 and DEFGEN025 added to elective units

Links

GSA website - <http://www.govskills.com.au>

Implementation Guide - <http://www.govskills.com.au/guides/defence/implementation-guide>

Foundation Skills Guide -

<http://www.govskills.com.au/guides/defence/foundation-skills-guide>