



**Australian Government**

# **DEF40220 Certificate IV in Explosive Ordnance Manufacture**

**Release 1**

# DEF40220 Certificate IV in Explosive Ordnance Manufacture

## Modification History

Release 1. This qualification was released in DEF Defence Training Package release 3.0.

## 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.

## Entry Requirements

Nil

## Packaging Rules

16 units of competency are required for this qualification:

- 2 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.

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

TLID1001          Shift materials safely using manual handling methods

### Group A: Specialisation units

BSBPEF402	Develop personal work priorities
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
DEFEXO018	License explosive facilities and potential explosion sites
DEFEXO082	Apply a knowledge of explosives
DEFEXO121	Assess explosive firings
DEFEXO122	Plan explosive trials
DEFEXO123	Conduct explosive trials
DEFEXO124	Perform explosive tests, measurements and analyses
DEFEXO128	Conduct explosive firings
DEFGEN025	Control engineering and logistic processes
MSMOPS400	Optimise process/plant area
MSMOPS401	Trial new process or product
MSMWHS210	Undertake first response to non-fire incidents
PMAOPS410	Operate remote production facilities
PMAOPS411	Manage plant shutdown and restart
PMASUP440	Commission/recommission plant

TLIF4007 Implement and coordinate accident-emergency procedures

**Group B: General elective units**

BSBLDR414	Lead team effectiveness
BSBSUS411	Implement and monitor environmentally sustainable work practices
BSBWHS411	Implement and monitor WHS policies, procedures and programs
DEFEXO002	Respond to fire
DEFEXO003	Establish and maintain the safety and security of explosive warehouses and workshops
DEFEXO022	Fuze and defuze explosive ordnance
DEFEXO023	Assemble and disassemble explosive components
DEFEXO066	Inspect explosive facilities
DEFEXO081	Apply a knowledge of the service environment
DEFEXO103	Dispose of non-explosive dangerous goods
DEFGEN007	Conduct risk assessment in a Defence environment
DEFGEN008	Treat risk within Defence at an operational level
DEFGEN024	Supervise engineering and logistic tasks
MSS403085	Ensure process improvements are sustained
MSS402083	Use planning software systems in operations
MSS403001	Review competitive systems and practices
MSS403005	Facilitate use of a Balanced Scorecard for performance improvement
MSS403010	Facilitate change in an organisation implementing competitive systems and practices
MSS403087	Mistake proof an operational process
MSS404084	Undertake process capability improvements
MSS404054	Apply statistics to operational processes
MSS404060	Facilitate the use of planning software systems in a work area or team

MSS404061	Facilitate the use of SCADA systems in a team or work area
MSS404085	Undertake proactive maintenance analyses
MSS404086	Assist in implementing a proactive maintenance strategy
PUAEMR001	Establish context for emergency risk assessment
PUAEMR002	Assess emergency risk └ PUAEMR001 Establish context for emergency risk assessment
PUAEMR003	Develop treatment options for emergency risk
PUAEMR004	Manage risk treatment implementation
PUAEMR005	Treat operational risk └ PUAEMR006 Assess operational risk
PUAEMR006	Assess operational risk
TLIB3006	Carry out inspection of vehicles designed to carry special loads
TLIC3063	Operate vehicle carrying special loads
TLID2016	Load and unload explosives/dangerous goods
TLID3015	Identify and label explosives/dangerous goods

## Qualification Mapping Information

This qualification supersedes and is equivalent to DEF42315 Certificate IV in Explosive Ordnance Manufacture.

## Links

Companion Volume implementation guides are found in VETNet -

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