



Australian Government

DEF50120 Diploma of Explosive Ordnance Manufacture

Release 1

DEF50120 Diploma of Explosive Ordnance Manufacture

Modification History

Release 1. This qualification was released in DEF Defence Training Package release 1.0.

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

14 units of competency are required for this qualification:

- 2 core units
- 12 elective units

Choose a minimum of 10 electives from the list below, of which at least 5 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 L.

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

DEFEXO018	License explosive facilities and potential explosion sites
DEFEXO070	Conduct technical explosive investigations
DEFEXO082	Apply a knowledge of explosives
DEFEXO083	Apply explosive ordnance design principles
DEFEXO122	Plan explosive trials
DEFEXO123	Conduct explosive trials
DEFEXO124	Perform explosive tests, measurements and analyses
DEFEXO125	Determine the properties of explosives
DEFEXO128	Conduct explosive firings
DEFEXO129	Develop unique explosives
DEFGEN026	Manage engineering and logistic operations
MSMOPS401	Trial new process or product
MSMWHS210	Undertake first response to non-fire incidents
PMASUP540	Analyse equipment performance
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
PUAEMR011	Manage and evaluate emergency management exercises
PUAEMR013	Design emergency management exercises

Group B: General elective units

BSBLDR522	Manage people performance
BSBSTR502	Facilitate continuous improvement
BSBOPS502	Manage business operational plans
BSBSUS411	Implement and monitor environmentally sustainable work practices
BSBWHS521	Ensure a safe workplace for a work area
BSBPEF501	Manage personal and professional development
BSBTWK502	Manage team effectiveness
DEFEXO002	Respond to fire
DEFEXO081	Apply a knowledge of the service environment
MSS015022	Develop strategies for more sustainable use of resources
MSS404054	Apply statistics to operational processes
MSS405001	Develop competitive systems and practices for an organisation
MSS405008	Analyse and map a value stream
MSS405009	Manage a value stream
MSS405004	Develop business plans in an organisation implementing competitive systems and practices
MSS405020	Develop quick changeover procedures
MSS405021	Develop a Just in Time system
MSS405030	Optimise cost of a product or service
MSS405031	Undertake value analysis of product or process costs in terms of customer requirements
MSS405040	Manage 5S system in an organisation
MSS405054	Determine and improve process capability └ MSS404054 Apply statistics to processes in manufacturing
MSS405063	Develop the application of enterprise control systems in an organisation
MSS405064	Determine and establish information collection requirements and processes

MSS405086	Develop sustainable energy practices
MSS405075	Facilitate the development of a new product └ MSS404054Apply statistics to operational processes
MSS405081	Develop a proactive maintenance strategy
PUACOM002	Provide services to clients
PUACOM007	Liaise with other organisations
PUATEA003	Lead, manage and develop teams

Qualification Mapping Information

This qualification supersedes and is equivalent to DEF52215 Diploma of 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>