



**Australian Government**

# **DEF80212 Graduate Diploma of Explosive Ordnance**

**Release: 1**

# DEF80212 Vocational Graduate Diploma of Explosive Ordnance

## Modification History

Release	TP version	Comments
2	DEF12 V2	New qualification.
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 are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the DEF80212 Vocational Graduate Diploma in Explosive Ordnance 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
<b>Communication</b>	<ul style="list-style-type: none"> <li>• communicates development, implementation and maintenance of policy, processes and strategy within the organisation</li> <li>• communicates effectively with staff, contractors and customers</li> <li>• interprets a range of complex and technical documents, including relevant:               <ul style="list-style-type: none"> <li>• regulatory, legislative, licensing and organisational requirements</li> <li>• codes and standards</li> <li>• process and product specifications</li> </ul> </li> <li>• discusses and advocates organisational issues</li> <li>• communicates compliance and reporting information to team members</li> <li>• takes a leadership role in ensuring workforce compliance with standards, regulations and policies</li> <li>• articulates complex ideas clearly</li> <li>• analyses and evaluates reports and reference materials</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• demonstrates leadership within work teams and business units</li> <li>• collaboratively and effectively develops, implements and oversees operational and strategic plans</li> <li>• works collaboratively with relevant stakeholders</li> <li>• plans, applies and monitors reporting processes</li> <li>• supervises and checks others' work, monitors work processes and ensures safe work practices</li> <li>• coordinates a range of team members and activities</li> <li>• relates positively to fellow workers and the management team</li> <li>• seeks advice or further directions when faced with unexpected situations that may require decisions or actions beyond own technical competence</li> <li>• relating to people from diverse backgrounds and abilities</li> <li>• uses interpersonal skills to establish rapport with clients and to liaise</li> </ul>

	with team members
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• leads organisational planning processes</li> <li>• analyses and reviews the capacity of relevant technology and applies it to the solving of problems</li> <li>• responds effectively to hazards, risks and emergencies</li> <li>• oversees processes within the organisation to ensure the effective and continuous provision of services</li> <li>• analyses problems and applies appropriate remedial solutions</li> <li>• uses and analyses complex data in decision making</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• regularly assesses/re-assesses risks and hazards and taking appropriate protective measures</li> <li>• seeks advice and further directions when faced with unforeseen circumstances or situations that may require decisions or response actions beyond technical competence</li> <li>• maintains working knowledge of the business activities and operations conducted at the organisation's sites and the associated radiation risks</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• leads the effective development of high-level planning processes</li> <li>• plans and participates in the effective delivery of products and services</li> <li>• improves policies, plans and processes</li> <li>• plans for environmental sustainability</li> <li>• periodically reviews risk management or control plans and assesses them for their adequacy, timeliness and effectiveness in risk mitigation</li> <li>• undertakes evidence-based short, medium and long-range planning</li> <li>• plans processes</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• uses organisational, planning and time management skills to sequence tasks, and meet timelines</li> <li>• conducts inspections and arranging meetings</li> <li>• negotiates targets for key performance indicators</li> <li>• analyses information to identify non-conformances and opportunities for improvements</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• seeks feedback on organisational and work performance</li> <li>• identifies quality management methods, techniques and tools used to support project management</li> <li>• performs complex research to maintain currency of knowledge and practice</li> <li>• analyses technical and financial information</li> <li>• uses information effectively to improve work performance</li> <li>• identifies potential or actual operational problems</li> <li>• learns from colleagues as part of effective teamwork</li> </ul>

<b>Technology</b>	<ul style="list-style-type: none"><li>• uses IT systems to manage and communicate the planning process</li><li>• uses complex explosive testing technology</li><li>• understands capabilities and limitations of organisation's plant, equipment and tools</li><li>• uses technology to improve efficiency and effectiveness of managing work</li></ul>
-------------------	---

## Packaging Rules

8 units of competency are required for this qualification including:

- 2 core units
- 6 elective units

Choose a minimum of 4 elective units from the Group A (Specialisation) and Group B (General) lists below, of which 2 units must be from Group A.

Choose the remaining 2 elective units from either the Group A or B 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
DEFEO709D	Apply explosive ordnance design principles
Code	Group A Elective Units (Specialisation)
DEFEO004	Assess the safety and suitability for service of explosive ordnance
DEFEO005	Conduct explosive ordnance capability analysis
DEFEO006	Predict and confirm explosive ordnance effects
DEFEO007	Assess specific explosive ordnance as being safe and suitable for transport
DEFEO900A	Develop explosive ordnance disposal techniques and render-safe procedures ⊥ DEFEO707C Conduct explosive ordnance disposal operations
DEFEO720A	Conduct post blast analysis
MSS408005A	Develop the learning processes of the operations organisation
MSS408006A	Develop and refine systems for continuous improvement in operations

MSS408007A	Develop problem solving capability of an organisation
<b>Code</b>	<b>Group B Elective Units (General)</b>
DEFEO210C	Manage explosive ordnance engineering and logistics processes
DEFTE007A	Apply knowledge of test and evaluation processes
PSPPOL601A	Develop public policy
BSBMGT608C	Manage innovation and continuous improvement