



Australian Government

Department of Education, Employment and Workplace Relations

PUA40410 Certificate IV in Public Safety (Explosive Ordnance Maintenance)

Release: 1

PUA40410 Certificate IV in Public Safety (Explosive Ordnance Maintenance)

Modification History

Not applicable.

Description

Not applicable.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

Employability Skills Summary for PUA40410 Certificate IV in Public Safety (Explosive Ordnance Maintenance)

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the PUA40410 Certificate IV in Public Safety (Explosive Ordnance Maintenance) 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.

<p>Public Safety 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.</p> <p>Employability Skill</p>	<p>Employability Skills Statement</p>
<p>Communication</p>	<ul style="list-style-type: none"> • communicate with supervisors, suppliers, clients and subordinates • identify and confirm requirement for explosive ordnance breakdown from work requests/instructions • identify and report breaches in site safety • liaise with supervisors, suppliers, clients and superiors as required • obtain relevant authorisation before specialised and hazardous work is carried out • prepare and provide relevant reports and documentation • use verbal and non-verbal communication techniques including language, language style, active listening
<p>Teamwork</p>	<ul style="list-style-type: none"> • apply team work principles and strategies

	<ul style="list-style-type: none">• control a number of work teams• direct, brief, coordinate and monitor personnel• encourage other team members• participate in and facilitating teams• understand composition of teams, and roles and responsibilities of team members• use techniques for supporting others/team members
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Problem solving	<ul style="list-style-type: none"> • apply formulae to determine the net explosive quantity and compatibility for the facility • demonstrate application of knowledge of explosive ordnance to assist in work and to guide problem solving • identify and action the requirement for waivers • undertake spatial measurement including length, width, perimeter and area • use knowledge of service environments to assist in work and guide problem solving
Initiative and enterprise	<ul style="list-style-type: none"> • initiate and monitor processes • initiate any remedial action required
Planning and organising	<ul style="list-style-type: none"> • ascertain availability and appropriateness of drawings, work procedures and associated documentation • assess plant, equipment and tools for availability, function and serviceability • identify and allocate resources required for the processes • identify occupational health and safety policies addressing the processes and apply for the duration in all associated activities • identify resource shortfall and measures and initiate their sourcing • inspect the facility and potential explosive site to be licensed and draw conclusions and recommendations from these activities • monitor and coordinate the activities within and between processes • plan and prepare for licensing • plan the conduct of processes • research and examine the required documentation
Self-management	<ul style="list-style-type: none"> • apply independent decision making • apply personal behaviour that shows sensitivity to the differences between colleagues • apply personal safety measures • interpret environmental effects relevant to explosive ordnance • meet work priorities
Learning	<ul style="list-style-type: none"> • apply knowledge of general properties of explosive ordnance • learn about explosive ordnance knowledge relevant to work • understand design principles of explosive ordnance • understand effects of explosive ordnance • understand inter-operability of explosive ordnance • understand safety, legislative and statutory requirements relevant to explosive ordnance
Technology	<ul style="list-style-type: none"> • apply explosive ordnance knowledge relevant to work being

	<p>performed</p> <ul style="list-style-type: none">• maintain grenades• understand characteristics, technical capabilities, effects and limitations of Australian Defence Force explosive ordnance• understand technical capabilities and limitations of equipment used in the licensing process• use appropriate information technology and software• use equipment such as computers, digital cameras, laser range finders, global positioning systems• use weapon system and platform integration
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Packaging Rules

Qualification Requirement: 17 units

All 4 core units plus 7 Group A (specialisation) elective units from the list below plus 6 Group B (general) elective units

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 6 Group B (general) elective units may be taken from the elective units listed below and may include 2 units taken from this Training Package, any other endorsed Training Package or any state/territory accredited qualification where the unit is in a qualification at the same level or a higher level.

Code	Core Units
PUADEFEO101D	Work safely with explosive ordnance
PUADEFEQ001C	Work with equity and diversity
BSBCMN311B	Maintain workplace safety
TLID107C	Shift materials safely using manual handling methods

Code	Elective Units
Group A (specialisation)	
PUADEFEO209C	Control explosive ordnance engineering and logistics processes
PUADEFEO211D	Apply a knowledge of explosive ordnance
PUADEFEO212C	License explosive ordnance facilities and potential explosive sites
PUADEFEO505D	Breakdown explosive ordnance
PUADEFEO511D	Maintain grenades
PUADEFEO512D	Maintain mortar ammunition
PUADEFEO513D	Maintain actuating devices
PUADEFEO514D	Maintain pyrotechnics and countermeasures
PUADEFEO515D	Maintain guided weapons
PUADEFEO516D	Maintain free flight rockets
PUADEFEO517D	Maintain gun ammunition

Code	Core Units
PUADEFEO518D	Maintain aerial delivered ordnance
PUADEFEO519D	Maintain mines
PUADEFEO520D	Maintain demolition stores
PUADEFEO601D	Assess explosive ordnance firings
PUADEFEO602C	Plan explosive ordnance trials
PUADEFEO603C	Conduct explosive ordnance trials
PUADEFEO604C	Perform explosive tests, measurements and analysis
PUADEFEO605D	Conduct explosive ordnance firings
PUADEFEO717C	Maintain aircraft egress systems
PUADEFEO718C	Maintain cartridge operated fire extinguisher systems
TLIF707C	Implement and coordinate accident-emergency procedures
Code	Group B (general)
BSBAUD402B	Participate in a quality audit
BSBSUS301A	Implement and monitor environmentally sustainable work practices
HLTFA201A	Provide basic emergency life support
OR	
HLTFA301B	Apply first aid
PUADEFCA422B	Conduct range practices
PUADEFM118B	Act as a range safety officer on a permanent range
PUADEFEO202D	Establish and maintain the safety and security of explosive warehouses and workshops
PUADEFEO203C	Dispose of non-explosive dangerous goods
PUADEFEO206C	Apply a knowledge of the service environment
PUADEFEO207C	Inspect explosive ordnance facilities

Code	Core Units
PUADEFEO208C	Supervise explosive ordnance engineering and logistics processes
PUADEFEO213A	Operate an explosive ordnance field storage site
PUADEFEO506D	Fuze and defuze explosive ordnance
PUADEFEO507D	Assemble and disassemble explosive components
PUADEFEO509D	Perform purging
PUADEFEQ002B	Supervise equity and diversity in the workplace
PUADEFRI001B	Treat risk within Defence at an operational level
PUADEFRI002B	Conduct risk assessment in a Defence environment
PUAWER004B	Respond to workplace emergencies
TLIA2207C	Participate in stocktakes
TLIA2307C	Coordinate stocktakes
TLIB607C	Carry out inspection of vehicles designed to carry special loads
TLIC707C	Operate vehicle carry special loads
TLID2707D	Prepare for transport of dangerous good
TLID1507D	Identify and label explosives and dangerous goods
TLID1607D	Load and unload explosives and dangerous goods
TLIE207C	Estimate/calculate mass, area and quantify dimensions

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NOTES

BSB units have been imported from the BSB07 Business Services Training Package.
 HLT unit has been imported from the HLT07 Health Training Package.
 TLI units have been imported from the TLI07 Transport and Logistics Training Package.

Information about customising PUA00 Public Safety Training Package qualifications is on page [12](#).