



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **PUA40510 Certificate IV in Public Safety (Explosive Ordnance Operations)**

**Release: 1**

## **PUA40510 Certificate IV in Public Safety (Explosive Ordnance Operations)**

### **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 PUA40510 Certificate IV in Public Safety (Explosive Ordnance Operations)

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the PUA40510 Certificate IV in Public Safety (Explosive Ordnance Operations) 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.

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. <b>Employability Skill</b>	<b>Employability Skills Statement</b>
<b>Communication</b>	<ul style="list-style-type: none"> <li>• identify and note organisation incident and injury statistics</li> <li>• identify and/or acquire documentation and licensing limitations</li> <li>• identify and report incidents</li> <li>• identify hazardous materials labels and characteristics and apply recognised and relevant action/criteria</li> <li>• obtain relevant authorisation before specialised and hazardous work is carried out</li> <li>• record and report details of first aid administered</li> <li>• record and report incidents and injuries</li> <li>• write to a level required in the preparation of letters and reports</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• allocate material, personnel, skills and other requirements for the operations</li> <li>• apply principles of teamwork, and team's aims and objectives</li> </ul>

	<ul style="list-style-type: none"><li>• apply techniques for supporting others/team members</li><li>• control military teams</li><li>• direct, control, coordinate and monitor the personnel involved in the operation</li><li>• encourage other team members</li><li>• participate as a member of a team that is conducting explosive ordnance disposal</li><li>• understand composition of teams, and roles and responsibility of team members</li><li>• work as a member of a team</li></ul>
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<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• action reported problems</li> <li>• apply knowledge of explosive ordnance to assist in work and to guide problem solving</li> <li>• apply safety distance calculation procedures</li> <li>• coordinate operation with other concurrent operations and neighbouring/support activities/units as required</li> <li>• estimate net explosive quantity</li> <li>• identify and react to explosive ordnance emergencies</li> <li>• identify and report problems to the chain of command in accordance with procedures and instructions</li> <li>• perform clearance of malfunctioned ordnance</li> <li>• react to ordnance emergencies</li> <li>• reallocate/adjust resources to meet operational needs</li> <li>• understand malfunctioned ordnance clearance and emergency procedures</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• gather information and intelligence from intelligence staffs/units/agencies, reports, maps, aerial photographs, other units/organisations, reconnaissance</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• access and analyse relevant explosive ordnance information</li> <li>• choose and plan the method of performing the operation</li> <li>• contribute to the determination of safety and evacuation requirements</li> <li>• gather information and intelligence and conduct reconnaissance</li> <li>• identify, acquire and assess materials required</li> <li>• identify occupational health and safety policies/safety precautions addressing the operation and apply in all associated activities</li> <li>• identify resource shortfalls and alternatives and/or include consequential action in the plan</li> <li>• plan the explosive ordnance operation</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• apply personal safety measures</li> <li>• interpret orders, instructions and directions</li> <li>• recognise and apply individual responsibilities regarding hazardous materials</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• learn about material safety data sheets (MSDS),</li> <li>• learn about Explosive Transport Regulations</li> <li>• learn about Australian Code for the Transport of Explosives by Road and Rail</li> <li>• learn about the characteristics, technical capabilities, effects, employment and limitations of relevant equipment</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• apply explosive ordnance knowledge relevant to work being performed</li> <li>• apply knowledge of technical capabilities, effects, employment</li> </ul>

	<p>and limitations of relevant equipment</p> <ul style="list-style-type: none"><li>• arm and de-arm explosive ordnance system</li><li>• collect, store and check equipment, tools and stores required for explosive ordnance demolitions operations</li><li>• handle and move hazardous materials</li><li>• use appropriate information technology and software</li><li>• use weapon system and platform integration</li></ul>
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## Packaging Rules

### Qualification Requirement: 17 units

### All 4 core units plus 3 Group A (specialisation) elective units from the list below plus 10 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 10 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
BSBCM311B	Maintain workplace safety
TLID107C	Shift materials safely using manual handling methods

Code	Elective Units
<b>Group A (specialisation)</b>	
MSL974003A	Perform chemical tests and procedures
PUADEFCA309B	Perform military high-risk search
PUADEFEO211D	Apply a knowledge of explosive ordnance
PUADEFEO703C	Supervise military explosive ordnance task
PUADEFEO704C	Control military explosive ordnance operations
PUADEFEO706D	Participate in the conduct of explosive ordnance disposal operations
PUADEFEO720A	Conduct post blast analysis
TLIF707C	Implement and coordinate accident-emergency procedures

<b>Group B (general)</b>	
BSBSUS301A	Implement and monitor environmentally sustainable work practices
HLTFA201A	Provide basic emergency life support

<b>Code</b>	<b>Core Units</b>
OR	
HLTFA301B	Apply first aid
PUADEFCA004B	Conduct military searches <ul style="list-style-type: none"> <li>└ BSBCMN311B Maintain workplace safety</li> <li>└ PUADEFCA005B Operate communications equipment</li> </ul>
PUADEFM314 A	Operate an in-service remote positioning vehicle
PUADEFEO202D	Establish and maintain the safety and security of explosive ordnance warehouses and workshops
PUADEFEO203C	Dispose of non-explosive dangerous goods
PUADEFEO710D	Prepare and arm weapon systems
PUADEFEO711C	Conduct military demolition operations
PUADEFEO712C	Lay and clear booby traps
PUADEFEO713C	Lay and clear mines
PUADEFEO714C	Conduct underwater explosive demolitions
PUADEFEO722A	Detect, record and collect evidence
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
PUAEMR001B	Establish context and develop risk evaluation criteria
PUAEMR002B	Identify, analyse and evaluate risk <ul style="list-style-type: none"> <li>└ PUAEMR001B Establish context and develop risk evaluation criteria</li> </ul>
PUAEMR003B	Determine treatment strategies
PUAEMR004B	Manage treatment strategy implementation <ul style="list-style-type: none"> <li>└ PUAEMR003B Determine treatment strategies</li> </ul>
PUAEMR006B	Treat risk at an operational level
PUAEMR007B	Conduct risk assessment



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<b>Code</b>	<b>Core Units</b>
PUAWER004B	Respond to workplace emergencies
TLIB607C	Carry out inspection of vehicles designed to carry special loads
TLIC707C	Operate vehicle carry special loads
TLID1507D	Identify and label explosives and dangerous goods
TLID1607D	Load and unload explosives and dangerous goods

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**NOTES**

BSB unit has been imported from the BSB07 Business Services Training Package.

HLT unit has been imported from the HLT07 Health Training Package.

MSL unit has been imported from the MSL09 Laboratory Operations 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](#).