



Australian Government

Department of Education, Employment and Workplace Relations

PUA51310 Diploma of Public Safety (Explosive Ordnance Manufacture)

Release: 1

PUA51310 Diploma of Public Safety (Explosive Ordnance Manufacture)

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 PUA51310 Diploma of Public Safety (Explosive Ordnance Manufacture)

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the PUA51310 Diploma of Public Safety (Explosive Ordnance Manufacture) 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"> • adjust and document recommendations if required • communicate with others • conduct interviews • liaise with client/customer • prepare and present investigation reports • prepare letters and reports to a level required • present reports in a format that ensures the client can readily understand the determined options and solutions • provide evidence to inquiries/courts as required • record outcomes of the analysis and provide recommendations relevant to safety, legislative and statutory requirements
<p>Teamwork</p>	<ul style="list-style-type: none"> • apply principles of teamwork, and team aims and objectives • apply techniques for supporting others/team members

	<ul style="list-style-type: none"> • encourage other team members • facilitate a team • participate in a team • understand composition of teams, and roles and responsibility of team members
Problem solving	<ul style="list-style-type: none"> • apply analytical and evaluation processes • apply formulae to determine the net explosive quantity and compatibility for the facility • assess fire situation and determine appropriate course of action • demonstrate application of knowledge of explosive ordnance to assist in work and to guide problem solving • prepare options and solutions in matters concerning the performance of explosive ordnance • provide and evaluate options • select appropriate solutions
Initiative and enterprise	<ul style="list-style-type: none"> • observe and respond to changing circumstances and unusual situations • support others/team members
Planning and organising	<ul style="list-style-type: none"> • access and analyse relevant explosive ordnance information • apply occupational health and safety requirements relevant to explosive ordnance in accordance with the organisation requirements • assess, review and record effectiveness of the recommendations • collect and preserve evidence • conduct research • determine report requirements • establish investigation objectives • examine evidence using research methodology that meets relevant standards and procedures • gain agreement on methodology, coordination requirements and necessary authorisation to progress the investigation • identify emergency alarms and match with response requirement • plan and prepare for licensing • select procedures that incorporate methods which are appropriate and feasible • set objectives within budget and time constraints
Self-management	<ul style="list-style-type: none"> • adhere to relevant occupational health and safety requirements and operational safety • calculate licensing requirements • conduct inspections • maintain documentation • read and understand relevant workplace documentation • recognise individual responsibilities regarding hazardous

	materials
Learning	<ul style="list-style-type: none">• access, interpret and rehearse procedures related to a fire emergency• learn about guidelines and codes of practice that cover technical specifications• learn about legislative requirements considered in the examination of evidence• learn about relevant Australian and international standards• learn about safe handling of hazardous materials and quality assurance procedures• learn about types, operations and application of firefighting equipment including extinguishers, hose-reels and, where appropriate, monitors• submit a portfolio of licensing documentation conducted over a range of facilities
Technology	<ul style="list-style-type: none">• achieve a safe work environment when working with explosive ordnance• apply knowledge of characteristics, technical capabilities, effects, employment and limitations of explosive ordnance• apply knowledge of weapon system and platform integration• apply spatial measurement including length, width, perimeter and area• examine electronic and manual records• identify location of firefighting equipment and check the equipment• use appropriate information technology and software• use equipment such as computers, digital cameras, laser range finders, global positioning systems

Packaging Rules

Qualification Requirement: 16 units

All 4 core units plus 5 Group A (specialisation) elective units from the list below plus 7 Group B (general) elective units

Where a pre-requisite unit is attached to an elective unit it is identified by this symbol \perp .

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 7 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
BSBOHS509A	Ensure a safe workplace
MSAPMOHS210 B	Undertake first response to non-fire incidents
TLID107C	Shift materials safely using manual handling methods

Code	Elective Units
Group A (specialisation)	
MSAPMOPS401 A	Trial new process or product
PMASUP540B	Analyse equipment performance
PUADEFEO205C	Conduct technical explosive ordnance investigations
PUADEFEO210C	Manage explosive ordnance engineering and logistics processes
PUADEFEO211D	Apply a knowledge of explosive ordnance
PUADEFEO212C	License explosive ordnance facilities and potential explosive sites
PUADEFEO602C	Plan explosive ordnance trials
PUADEFEO603C	Conduct explosive ordnance trials
PUADEFEO604C	Perform explosive tests, measurements and analyses
PUADEFEO605D	Conduct explosive ordnance firings

Code	Core Units
PUADEFEO606D	Develop unique explosives
PUADEFEO607C	Determine the properties of explosive ordnance
PUADEFEO709D	Apply explosive ordnance design principles
PUAEMR001B	Establish context and develop risk evaluation criteria
PUAEMR002B	Identify, analyse and evaluate risk <ul style="list-style-type: none"> └ PUAEMR001B Establish context and develop risk evaluation criteria
PUAEMR003B	Determine treatment strategies
PUAEMR004B	Manage treatment strategy implementation <ul style="list-style-type: none"> └ PUAEMR003B Determine treatment strategies
PUAEMR005B	Design and manage activities which exercise elements of emergency management
PUAEMR006B	Treat risk at an operational level
PUAEMR007B	Conduct risk assessment
Group B (general)	
BSBMGT502B	Manage people performance
BSBMGT515A	Manage operational plan
BSBMGT516A	Facilitate continuous improvement
BSBSUS301A	Implement and monitor environmentally sustainable work practices
BSBWOR501A	Manage personal work priorities and professional development
BSBWOR502A	Ensure team effectiveness
MSACMS600A	Develop a competitive manufacturing system
MSACMS601A	Analyse and map a value chain
MSACMS602A	Manage a value chain
MSACMS603A	Develop manufacturing related business plans
MSACMT452A	Apply statistics to processes in manufacturing

Code	Core Units
MSACMT620A	Develop quick changeover procedures
MSACMT621A	Develop a Just in Time (JIT) system
MSACMT630A	Optimise cost of product
MSACMT631A	Undertake value analysis of product costs in terms of customer requirements
MSACMT640A	Manage 5S system in a manufacturing environment
MSACMT650A	Determine and improve process capability
MSACMT660A	Develop the application of enterprise systems in manufacturing
MSACMT661A	Determine and establish information collection requirements and processes
MSACMT670A	Develop and manage sustainable energy practices
MSACMT671A	Develop and manage sustainable environmental practices
MSACMT675A	Facilitate the development of a new product
MSACMT681A	Develop a proactive maintenance strategy
PUACOM002B	Provide services to clients
PUACOM007B	Liaise with other organisations
PUADEFEO201C	Respond to fire
PUADEFEO206C	Apply a knowledge of the service environment
PUATEA003B	Lead, manage and develop teams

NOTES

BSB units have been imported from the BSB07 Business Services Training Package.

MSA units have been imported from the MSA07 Manufacturing Training Package.

PMA unit has been imported from the PMA08 Chemical, Hydrocarbons and Refining Training Package.

TLI unit has been imported from TLI07 Transport And Logistics Training Package.

Information about customising PUA00 Public Safety Training Package qualifications

Code	Core Units
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