PUA41910 Certificate IV in Public Safety (Explosive Ordnance Manufacture)

Release: 1

PUA41910 Certificate IV in 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 PUA41910 Certificate IV in 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 PUA41910 Certificate IV in 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.

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. **Employability Skill**	**Employability Skills Statement**
Communication	- access and clarify safety procedures and instructions - access, read, interpret and apply information on safety - conduct liaison with supervisors, suppliers, clients and superiors as required - follow instructions/directives and report information - identify and note organisation incident and injury statistics - identify and/or acquire documentation and licensing limitations - identify and recognise hazardous materials labels and characteristics, and apply relevant action/criteria - identify breaches in site safety and act on or report - obtain relevant authorisation before specialised and hazardous work is carried out - read to a level required to interpret job instructions, workplace

	forms and reports
	• use a variety of verbal and non-verbal communication techniques
	• write at the level required to complete workplace documentation and reports

Teamwork	• apply knowledge and principles of teamwork, and team aims and objectives • encourage other team members • participate in a team • understand the composition of teams, and roles and responsibility of team members • use techniques for supporting others/team members
Problem solving	• apply formulae to determine the net explosive quantity and compatibility for the facility • assess and apply compatibility • assess fire situation • demonstrate knowledge of explosive ordnance to assist in work and to guide problem solving • determine appropriate course of action under supervision • extinguish fires • take remedial action
Initiative and enterprise	• • initiate any remedial action required • observe and respond to changing circumstances and unusual situations • support others/team members
Planning and organising	• apply occupational health and safety requirements relevant to explosive ordnance in accordance with the organisation requirements • determine processes to be performed, the resources required for their performance, the constraints imposed and any special requirements for their conduct • direct and brief coordinating and monitoring personnel • handle and move hazardous materials • identify and source materials required, and program delivery • identify resource shortfall and initiate measures for their sourcing • plan and prepare for licensing
Self-management	• apply independent decision making • apply personal safety measures • give and receive feedback in a constructive manner • meet work priorities • recognise and apply individual responsibilities regarding hazardous materials
Learning	• access, interpret and rehearse procedures related to a fire emergency • learn about competencies required by the personnel involved in the performance of the process • learn about explosive ordnance processes to be performed and

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	the activities within those explosive ordnance processes • learn about occupational health and safety requirements • learn about reporting requirements and procedures of the organisation
Technology	• achieve a safe work environment when working with explosive ordnance • check equipment • identify location of firefighting equipment • use appropriate information technology and software • use equipment such as computers, digital cameras, laser range finders, global positioning systems

Packaging Rules

Qualification Requirement: **18 units**
All 4 core units plus 7 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 ∟.
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
BSBOHS407A	Monitor a safe workplace
MSAPMOHS210B	Undertake first response to non-fire incidents
TLID107C	Shift materials safely using manual handling methods

Code	Elective Units
Group A (specialisation)	
BSBWOR404A	Develop work priorities
MSAPMOPS400A	Optimise process/plant area ∟ MSAPMSUP390A Use structured problem solving tools
MSAPMOPS401A	Trial new process or product
PMAOPS410B	Monitor remote production facilities
PMAOPS411B	Manage plant shutdown and restart
PMASUP440B	Commission/recommission plant
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

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Code	Core Units
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
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 analyses
PUADEFEO605D	Conduct explosive ordnance firings
TLIF707C	Implement and coordinate accident-emergency procedures

Group B (general)

BSBWOR402A	Promote team effectiveness
BSBSUS301A	Implement and monitor environmentally sustainable work practices
MSACMC410A	Lead change in a manufacturing environment
MSACMC411A	Lead a competitive manufacturing team
MSACMS400A	Implement a competitive manufacturing system
MSACMS401A	Ensure process improvements are sustained
MSACMS405A	Lead a manufacturing team using a balanced score card approach

Code	Core Units
MSACMT260A	Use planning software systems in manufacturing
MSACMT450A	Undertake process capability improvements └ MSACMT452A Apply statistics to processes in manufacturing
MSACMT451A	Mistake proof a production process
MSACMT452A	Apply statistics to processes in manufacturing
MSACMT460A	Facilitate the use of planning software systems in manufacturing └ MSACMT260A Use planning software systems in manufacturing
MSACMT461A	Facilitate SCADA systems in manufacturing team or work area └ MSACMT261A Use SCADA systems in manufacturing
MSACMT481A	Undertake proactive maintenance analyses
MSACMT482A	Assist in implementing a proactive maintenance strategy
PUADEFEO201C	Respond to fire
PUADEFEO202D	Establish and maintain the safety and security of explosive ordnance warehouses and workshops
PUADEFEO203C	Dispose of non-explosive dangerous goods
PUADEFEO206C	Apply a knowledge of the service environment
PUADEFEO207C	Inspect explosive ordnance facilities
PUADEFEO208C	Supervise explosive ordnance engineering and logistics processes
PUADEFEO506D	Fuze and defuze explosive ordnance
PUADEFEO507D	Assemble and disassemble explosive components
PUADEFEO509D	Perform purging
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 └ PUAEMR001B Establish context and develop risk evaluation criteria

Code	Core Units
PUAEMR003B	Determine treatment strategies
PUAEMR004B	Manage treatment strategy implementation └ PUAEMR003B Determine treatment strategies
PUAEMR006B	Treat risk at an operational level
PUAEMR007B	Conduct risk assessment
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

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 units have been imported from the PMA08 Chemical, Hydrocarbons and Refining Training Package.
TLI units have been imported from TLI07 Transport and Logistics Training Package.

Information about customising PUA00 Public Safety Training Package qualifications is on page 12.

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