Australian Government

PUAEQU001B Prepare, maintain and test response equipment

Release 3

INDUSTRY
SKILLS
COUNCILS
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PUAEQU001B Prepare, maintain and test response equipment

Modification History

Release	TP version	Comments
3	PUA12 V2.1	Editorial changes.
2	PUA12 V1	Layout adjusted. Application and Evidence Guide revised.
1	PUA00 V8.1	Primary release on TGA.

Unit Descriptor

This unit covers the competency to inspect, maintain and test a range of equipment according to organisation's procedures.

Application of the Unit

This unit applies to workers who have either a primary role in the maintenance of equipment or are required to test and maintain equipment as part of an operational role.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

PUAFIR215 Prevent injury (Fire sector specific)

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where **bold italicised** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Inspect response equipment	1.1 Equipment is **inspected** in accordance with **organisation's procedures.**
	1.2 Missing parts are identified and reported according to organisation's procedures.
	1.3 Faulty or damaged equipment is reported and recorded in accordance with organisation's procedures.
2. Test response equipment	2.1 Equipment is tested according to approved procedures and is fit for purpose according to **organisation's standards.**
	2.2 Test results are **recorded** according to regulatory and organisation's requirements.
	2.3 Defective equipment and sub-standard performance is reported and recorded according to organisation's procedures.
3. Clean, maintain and restow equipment	3.1 Equipment is cleaned, maintained, assembled and stowed according to organisation's procedures.
	3.2 Equipment records are updated according to organisation's procedures.
	3.3 Equipment is recovered, restowed and made ready for future use.

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- comply with material safety data sheets
- inspect equipment according to organisation's procedures
- safely use cleaning agents and chemicals
- service and clean equipment according to organisation's procedures
- test equipment according to organisation's procedures

Required Knowledge

- identification of equipment
- occupational health and safety policy relevant to the maintenance, servicing and testing of equipment
- organisation's policies and procedures concerning the use, testing, cleaning and servicing of response equipment
- relevant parts of environmental legislation relating to waste water run off/pollution
- safe working practices when maintaining, servicing and testing equipment

Evidence Guide

Critical aspects for assessment and evidence required to demonstrate competency in this unit	It is essential for this unit that competence can be demonstrated in organisational procedures for inspection testing, cleaning and servicing of response equipment.
	Consistency in performance
	Evidence should be gathered over a period of time in a range of actual or simulated workplace environments.
Context of and specific resources for assessment	**Context of assessment**
	Competency must be assessed in the context of applying organisation's procedures to equipment used in the workplace.
	Specific resources for assessment
	Access to relevant equipment is required.

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Organisational procedures may include:	• regulatory requirements • equipment manufacturer's specifications and procedures • Australian Standards • industry practices • occupational health and safety requirements • maintenance schedules
Organisational procedures may be specified in:	• operational directives • organisation's procedures • manufacturer's manuals • operations manuals • quality system documentation • induction documentation • workplace notices • operator's manual
Reporting/recording procedures may include:	• Verbal • record sheets or books • computer data bases • card systems • microfiche systems • maintenance schedules
Organisation's standards may include:	• Australian Standards • state/territory or federal standards • industry standards • manufacturer's procedures • international standards
Response equipment may include:	• ropes • hand tools • hoses • branches and nozzles • ladders • pumps • rescue tools • salvage tools • protective clothing and equipment • breathing apparatus • forcible entry tools

- portable fire extinguishers
- drip torches
- maps
- powered equipment
- organisational specialist equipment
- chainsaws
- communications equipment
- knapsacks
- lighting equipment
- first aid equipment
- pumps
- equipment required to undertake specific function such as compressor, generator, hydraulic pump
- audible warning systems such as sirens, horns
- visual warning systems such as lights
- light crystal display signs
- Global Positioning Systems
- vehicle tracking systems
- navigational systems

Inspection may include:
- visual, auditory and tactile inspection to identify possible operational failure of motorised equipment or seizure or physical failure of equipment

Maintenance may include:
- lubrication checks
- pressure checks
- fuel and water checks
- flow rate checks
- sharpening
- cleaning
- flushing

Faulty/damaged equipment may include:
- inoperative
- not fit for purpose
- operates ineffectively
- defects
- anomalies
- not clean
- physical damage

Unit Sector(s)

Not applicable.

Government Skills Australia