



Australian Government

MEM20011 Service and repair fire and security containers

Release: 1

MEM20011 Service and repair fire and security containers

Modification History

Release 1. Supersedes and is equivalent to MEM20011A Service and repair fire and security containers

Application

This unit of competency defines the skills and knowledge required to dismantle, inspect, repair, replace, service and assemble fire and security safes or containers and their components. It applies to service and repair work on commercial and domestic fire and security containers and can apply to regular servicing or call-out work and also be required after entry has been gained.

Where interpretation of detailed, complex manufacturer information and specifications is required unit MEM16012 Interpret technical specifications and manuals should also be selected.

Where gaining entry and reinstatement by straightforward replacement of existing or replacement parts is required unit MEM20009 Gain entry and reinstate fire and security containers should also be selected.

Where welding skills are required appropriate units should also be selected.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Band:

This unit has dual status and is to be regarded as both a Specialisation Band A unit and Specialisation Band B unit for progression to C5 (AQF level V).

Unit Weight: 6

Pre-requisite Unit

MEM11011	Undertake manual handling
MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations
MEM20001	Produce keys
MEM20002	Assemble and test lock mechanisms

MEM20006

Maintain and service mechanical locking devices

Competency Field

Locksmithing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 Determine job requirements | <ul style="list-style-type: none">1.1 Follow standard operating procedures (SOPs)1.2 Comply with work health and safety (WHS) requirements at all times1.3 Select and use appropriate personal protective equipment (PPE) in accordance with SOPs1.4 Identify job requirements from specifications, job sheets or work instructions |
| 2 Identify service requirements | <ul style="list-style-type: none">2.1 Establish ownership of safe/container and contents and verify in accordance with organisational, legal and industry procedures2.2 Obtain type of safe and lock mechanism specifications from appropriate sources and in accordance with SOPs and customer requirements2.3 Establish nature of any damage or malfunction to exterior, interior and lock components in accordance with organisational procedures, established inspection/diagnostic techniques and original specifications2.4 Establish service and repair requirements and other information relevant to task in accordance with customer needs, organisational and manufacturer specifications and legislation, codes, regulations and standards2.5 Determine appropriate location of work and arrange removal of safe, as necessary |

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 3 | Repair, replace and service safe components | 3.1 | Identify risks and hazards and make area secure |
| | | 3.2 | Inspect safe/container locking components and establish further specific repair/service requirements, options and recommend actions in accordance with organisational requirements and factors impacting on feasibility of repair |
| | | 3.3 | Dismantle lock assemblies and components using appropriate organisational procedures, industry practices, tools and equipment |
| | | 3.4 | Repair/replace/service components as necessary and practicable |
| | | 3.5 | Select appropriate lubrication and sealing materials and apply in conformance to standard locksmithing procedures |
| | | 3.6 | Inspect boltwork and internal lock components, test and adjust as necessary for compliance to original factory assembly and functioning |
| 4 | Finalise servicing/repair process | 4.1 | Test function of specific components and entire locking system for compliance with operational specifications and adjust, as necessary |
| | | 4.2 | Complete and process documentation in accordance with legislative, assignment and organisational requirements |
| | | 4.3 | Clean work area, tools and equipment and store in accordance with SOPs |
| | | 4.4 | Clean safe/container and return to service according to organisational and customer requirements |
| | | 4.5 | Instruct customer, as necessary, in accordance with SOPs and manufacturer recommendations |
| | | 4.6 | Confirm work with appropriate person(s) in accordance with SOPs |

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

- PPE includes one (1) or more of the following:**
- face shields, goggles and safety glasses
 - hearing protection
 - dust masks and respirators
 - high visibility vests or clothing
 - head protection
 - sun protection, hats and sun screen
 - gloves and knee pads
 - safety footwear
 - witches hats
 - warning signs and warning tapes
 - temporary safety barriers
 - fire extinguisher
 - first aid kit

- Types of safes include one (1) or more of the following:**
- plate safes
 - slab safes
 - fire
 - free standing
 - data
 - cash and/or jewellery
 - under-floor
 - wall
 - bank safes and vaults

- Lock mechanisms include one (1) or more of the following:**
- keylocks
 - keyless combination locks
 - electronic digital
 - electronic and mechanical time delay

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Appropriate sources of information include one (1) or more of the following:

- catalogues
- manufacturer manuals
- drawings
- detailed/technical sketches
- associated data sheets
- colleagues/specialists
- internet
- charts

Customer requirements include one (1) or more of the following:

- function and capabilities
- access issues
- service and maintenance requirements
- product operation and warranty information
- costings
- maintaining security

Other information includes one (1) or more of the following:

- schedules
- timeframes
- access and site information
- products
- installation and upgrade requirements
- specific client requests
- materials
- costings
- warranties and service information
- legislation
- codes and regulatory requirements
- WHS requirements

Risks and hazards include one (1) or more of the following:

- safe construction
- chemical and material hazards
- lifting and handling
- use of mechanical and fuel gas cutting equipment
- exposure to asbestos, dust, noise, live power, vermin, water and glass fibre

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Tools and equipment include one (1) or more of the following:

- hand tools relating to safe service and repair
- power tools and accessories
- drop sheets and vacuum cleaner
- various change keys to suit the safe

Materials and consumables include one (1) or more of the following:

- lubricants
- adhesives and sealants
- cleaning materials
- wire and cable
- security seals and replacement barrier materials
- replacement parts

Documentation includes one (1) or more of the following:

- historical records
- procedures and measurements for opening specific safes
- job sheets
- invoices
- warranties

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEM20011A Service and repair fire and security containers

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>