



Australian Government

MEM20009 Gain entry and reinstate fire and security containers

Release: 1

MEM20009 Gain entry and reinstate fire and security containers

Modification History

Release 1. Supersedes and is equivalent to MEM20009A Gain entry and reinstate fire and security containers

Application

This unit of competency defines the skills and knowledge required to gain entry to fire and security containers that are fitted with mechanical and electronic safe locking systems. It covers straightforward reinstatement of the locking system by removal and replacement of component parts. Containers may be used for commercial or domestic use.

Where welding skills are required then see the appropriate units.

Where the use of fuel gas cutting equipment is required, unit MEM05007 Perform manual heating and thermal cutting should also be selected.

Where repairs to fire and security containers are required see unit MEM20011 Service and repair fire and security containers.

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

Band: A

Unit Weight: 4

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
MEM20004	Gain entry

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 | 1.1 | Follow standard operating procedures (SOPs) |
| | | 1.2 | Comply with work health and safety (WHS) requirements at all times |
| | | 1.3 | Select and use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 | Identify job requirements from specifications, job sheets or work instructions |
| 2 | Establish entry requirements, authorisations and ownership | 2.1 | Establish safe ownership, contents and ownership of contents and verify in accordance with organisational and industry procedures |
| | | 2.2 | Establish safe type, locking mechanism and other relevant information from appropriate sources and in accordance with organisational and customer requirements |
| | | 2.3 | Establish nature of problem and circumstances of prior operation in accordance with SOPs, inspection/diagnostic techniques and original specifications |
| | | 2.4 | Select appropriate entry method in accordance with specific circumstances, customer requirements and SOPs |
| | | 2.5 | Determine appropriate location of work and arrange safe removal, as necessary |
| 3 | Gain entry to fire and security containers | 3.1 | Identify site access requirements and make appropriate arrangements |
| | | 3.2 | Identify potential and existing risks and hazards and manage, make area secure, and ensure privacy/security of environment in accordance with organisational and legislative requirements |
| | | 3.3 | Observe safe work practices to minimise risk of injury to self or others in accordance with procedures and organisational requirements |

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	3.4 Select appropriate tools, equipment, materials and consumables for entry requirements and check for serviceability in accordance with manufacturers' specifications and SOPs 3.5 Gain entry in accordance with applicable legislation, codes, regulations and standards
4 Reinstate fire and security container	4.1 Select, where applicable, replacement and/or repaired parts as appropriate for reassembly 4.2 Dismantle/remove lock assemblies and components using appropriate SOPs, industry practices, tools and equipment 4.3 Inspect sub-assemblies, test and adjust for compliance to original factory assembly and function 4.4 Prepare components, assemble and adjust using fastening equipment and methods that ensure conformance to specifications, correct functioning, quality and safety of the completed assembly 4.5 Select lubrication, packing, sealing materials and apply correctly in accordance with job specifications 4.6 Inspect locking system, test and adjust as necessary for compliance to original factory assembly and functioning
5 Finalise entry and reinstatement process	5.1 Complete documentation and process in accordance with legislative and organisational requirements 5.2 Clean work area, tools and equipment and store in accordance with SOPs 5.3 Clean safe and return to serviceable condition 5.4 Advise customer of work undertaken and further recommended actions and any other relevant information 5.5 Instruct customer, as necessary, in accordance with organisational procedure and manufacturer recommendations

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:

- 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

Safe types include one (1) or more of the following:

- plate safes
- slab safes
- fire
- data
- cash and/or jewellery
- under-floor
- wall
- free standing
- bank safes and vaults

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.

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

- catalogues
- manufacturer manuals
- drawings
- detailed/technical sketches
- associated data sheets
- colleague/industry expert
- specifications
- charts

Basis for entry includes one (1) or more of the following:

- lost combination
- lockout (keys inside)
- lost keys (rekeys)
- malfunction
- damage caused by burglary or user
- requirement to safely remove, replace and reinstate original and replacement components and locking systems

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

Entry method includes one (1) or more of the following:

- mechanical drilling and cutting
- safe lever lock - impressioning reading
- safe lever lock - picking
- safe lock picking
- manipulation of mechanical combination locks
- manipulation of electro-mechanical combination locks
- alternative methods

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Risks and hazards

include one (1) or more of the following:

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

Tools and equipment

include one (1) or more of the following:

- hand and power tools and accessories specific to gaining entry:
 - hardened drill bits
 - special-purpose equipment
 - borescope, flexi-light and fibre optical scope
 - automatic dialler (soft drill)
 - listening devices and manipulation aids
 - magnetic or vacuum based drills and lever rigs
- measuring equipment:
 - vernier callipers
 - rules
 - squares
 - templates
 - gauges

Materials and

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

- lubricants:
 - machine oil
 - general purpose grease
 - graphite powder
 - lithium grease
- adhesives and sealants
- cleaning materials
- wire and cable
- security seals and replacement barrier materials
- replacement parts

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Lock assemblies and components include one (1) or more of the following:

- keylocks
- keyless combination locks
- electronic digital
- electronic and mechanical time delay

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

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Links

Companion Volume implementation guides are found in VETNet -

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