



**Australian Government**

# **MEM20030 Gain entry and reinstate fire and security containers**

**Release: 1**

# MEM20030 Gain entry and reinstate fire and security containers

## Modification History

Release 1. Supersedes and is equivalent to MEM20009 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 and soldering skills are required, see units MEM05050 Perform routine gas metal arc welding and MEM05006 Perform brazing and/or silver soldering.

Where repairs to fire and security containers are required, see unit MEM20032 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

MEM20025 Gain entry

MEM20015 Produce hand cut keys

MEM20016 Produce keys by cutting to code

MEM20017 Produce keys by duplication

## Competency Field

Locksmithing

## Elements and Performance Criteria

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
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 personal protective equipment (PPE) in accordance with SOPs 1.4 Identify job requirements from specifications
2. Establish entry requirements, authorisations and ownership	2.1 Establish legal possession and verify in accordance with SOPs 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, using inspection and 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 if required
3. Gain entry to fire and security containers	3.1 Identify site access requirements and make appropriate arrangements 3.2 Identify hazards, implement controls and make area safe to gain entry 3.3 Observe safe work practices to minimise risk of injury to self or others in accordance with procedures and organisational requirements 3.4 Select appropriate tools, equipment, materials and consumables for entry requirements and check for serviceability in accordance with manufacturer specifications and SOPs 3.5 Gain entry in accordance with applicable legislation, codes, regulations and standards
4. Reinststate fire and security container	4.1 determine required replacement and/or repaired parts for reassembly 4.2 Inspect locking system, test and adjust as necessary for compliance to original factory assembly and functioning
5. Finalise entry and	5.1 Complete documentation and process in accordance with SOPs

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
reinstatement	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, further recommended actions and any other relevant information 5.5 Instruct customer, in accordance with job needs, organisational procedure and manufacturer recommendations

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

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.

Specifications include one or more of the following:	<ul style="list-style-type: none"> <li>• drawings</li> <li>• job sheets</li> <li>• work instructions</li> <li>• work orders.</li> </ul>
Personal protective equipment (PPE) includes one or more of the following:	<ul style="list-style-type: none"> <li>• face protection</li> <li>• hearing protection</li> <li>• dust masks and respirators</li> <li>• high-visibility clothing</li> <li>• head protection</li> <li>• sun protection</li> <li>• gloves</li> <li>• knee pads</li> <li>• safety footwear</li> <li>• witches hats</li> <li>• warning signs and warning tapes</li> </ul>

	<ul style="list-style-type: none"> <li>• temporary safety barriers</li> <li>• fire extinguisher</li> <li>• first aid kit.</li> </ul>
Safe types include one or more of the following:	<ul style="list-style-type: none"> <li>• plate safes</li> <li>• slab safes</li> <li>• fire</li> <li>• data</li> <li>• cash and/or jewellery</li> <li>• under-floor</li> <li>• wall</li> <li>• free standing</li> <li>• bank safes and vaults.</li> </ul>
Appropriate sources of information include one or more of the following:	<ul style="list-style-type: none"> <li>• catalogues</li> <li>• manufacturer manuals</li> <li>• drawings</li> <li>• detailed or technical sketches</li> <li>• associated data sheets</li> <li>• industry colleagues or experts</li> <li>• specifications</li> <li>• charts.</li> </ul>
Customer requirements include one or more of the following:	<ul style="list-style-type: none"> <li>• function and capabilities</li> <li>• access issues</li> <li>• service and maintenance requirements</li> <li>• product operation and warranty information</li> <li>• costings.</li> </ul>
Entry method includes one or more of the following:	<ul style="list-style-type: none"> <li>• mechanical drilling and cutting</li> <li>• safe lever lock - impressioning reading</li> <li>• safe lock picking and/or decoding</li> <li>• manipulation of mechanical combination locks</li> <li>• manipulation of electro-mechanical combination locks</li> <li>• alternative methods.</li> </ul>
Risks and hazards include one or more of the following:	<ul style="list-style-type: none"> <li>• safe construction</li> <li>• chemical, environmental and material hazards</li> <li>• lifting and handling</li> <li>• use of mechanical and fuel gas cutting equipment</li> <li>• electrical wiring</li> <li>• asbestos</li> <li>• dust</li> <li>• noise</li> <li>• live power</li> <li>• vermin</li> </ul>

	<ul style="list-style-type: none"> <li>• water</li> <li>• glass fibre.</li> </ul>
Tools and equipment include one or more of the following:	<ul style="list-style-type: none"> <li>• hand and power tools and accessories specific to gaining entry includes: <ul style="list-style-type: none"> <li>• hardened drill bits</li> <li>• special-purpose equipment</li> <li>• borescope, flexi-light and fibre optical scope</li> <li>• automatic dialler</li> <li>• listening devices and manipulation aids</li> <li>• magnetic or vacuum based drills and lever rigs</li> </ul> </li> <li>• measuring equipment includes: <ul style="list-style-type: none"> <li>• vernier callipers</li> <li>• rules</li> <li>• squares</li> <li>• templates</li> <li>• gauges.</li> </ul> </li> </ul>
Materials and consumables include one or more of the following:	<ul style="list-style-type: none"> <li>• replacement barrier materials</li> <li>• replacement parts.</li> </ul>
Lock assemblies and components include one or more of the following:	<ul style="list-style-type: none"> <li>• keylocks</li> <li>• keyless combination locks</li> <li>• electronic digital</li> <li>• electronic and mechanical time delay.</li> </ul>
Safe lock types include one or more of the following:	<ul style="list-style-type: none"> <li>• mechanical locks</li> <li>• combination locks.</li> </ul>
Documentation includes one or more of the following:	<ul style="list-style-type: none"> <li>• historical records</li> <li>• procedures and measurements for opening specific safes</li> <li>• job sheets</li> <li>• invoices</li> <li>• warranties.</li> </ul>

## Unit Mapping Information

Release 1. Supersedes and is equivalent to MEM20009 Gain entry and reinstate 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>