



**Australian Government**

# **MEM19006 Replace watch batteries**

**Release: 1**

# MEM19006 Replace watch batteries

## Modification History

Release 1. Supersedes and is equivalent to MEM19006B Replace watch batteries

## Application

This unit of competency defines the skills and knowledge required to replace digital or analog watch batteries and arrange water resistance and pressure testing.

Some knowledge of watch glasses and seals is required, however specific replacement functions for these are not covered by this unit and testing functions relate only to the measurement of voltage, consumption and resistance.

This unit does not apply to diver and other water-resistant watch types and water resistance and pressure testing is not covered by this unit, however identification of watches requiring testing as well as procedures for arranging testing are a requirement of this unit.

Where power cell replacements in these two categories are of common practice with associated testing and/or identification/cleaning/supply/fitting of waterproofing/water resistance components appropriate horological units should be selected.

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

**Band: A**

**Unit Weight: 1**

## 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

## Competency Field

Jewellery and horological

## Elements and Performance Criteria

Elements describe the essential outcomes.

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

- |   |  |  |
|---|--|--|
| 1 | <b>Determine job requirements</b>                    | 1.1 Follow standard operating procedures (SOPs)                                    |
|   |  | 1.2 Comply with work health and safety (WHS) requirements at all times             |
|   |  | 1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs    |
|   |  | 1.4 Identify job requirements from specifications, job sheets or work instructions |
|   |  |  |
| 2 | <b>Identify watch construction</b>                   | 2.1 Identify case material and construction  |
|   |  | 2.2 Identify case types and their function   |
|   |  | 2.3 Identify associated parts and consumables                                      |
|   |  |  |
| 3 | <b>Open and close watches</b>                        | 3.1 Select and use workshop tools and equipment                                    |
|   |  | 3.2 Open and close watch cases   |
|   |  | 3.3 Inspect parts and report or record results                                     |
|   |  |  |
| 4 | <b>Select and replace batteries</b>                  | 4.1 Perform general inspection of surface areas                                    |
|   |  | 4.2 Select battery and install   |
|   |  | 4.3 Measure voltage, consumption and resistance                                    |
|   |  | 4.4 Handle and store batteries according to SOPs                                   |
|   |  |  |
| 5 | <b>Arrange water resistance and pressure testing</b> | 5.1 Identify watches requiring water resistance or pressure testing                |
|   |  | 5.2 Arrange water resistance and pressure testing                                  |

## 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

No range of conditions provided for this unit.

## 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>