

Title	Install mortice and rim fitted locking devices		
Level	3	Credits	8

Purpose	People credited with this unit standard are able to: mark out the lock position; align and install the lock and lock-strike fittings; and complete work and demonstrate lock operation.
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Classification	Mechanical Engineering > Locksmithing
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Available grade	Achieved
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Guidance Information

- 1 Unit 22451, *Use and maintain locksmith tools* is recommended for entry into this unit standard.
- 2 Legislation
Health and Safety at Work Act 2015.
- 3 Definitions
Accepted industry practice refers to codes of practice and standardised procedures accepted by the wider locksmithing industry as examples of best practice.
Applications refers to the specific uses of the mortice and rim fitted locking devices.
Locking devices refers to the complete lock. It includes the lock hardware, any furniture (handles) and the key mechanism. For the purpose of this unit standard, locking devices include those typically found in the home, commercial, or industrial environments.
Workplace procedures refer to the procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 4 Range
Examples of applications are – doors, windows, cabinets.
Application materials must include – aluminium, wood.
10 installations covering the range of material types and the range of applications materials are required.
- 5 Assessment information
All activities must comply with applicable workplace procedures and must be consistent with accepted industry practice.

Outcomes and performance criteria

Outcome 1

Mark out the lock position.

Performance criteria

- 1.1 The suitability of the lock for the position is determined.
Range height, door frame, door fire ratings.
- 1.2 The correct lock position is determined and marked out according to the customer's plans and specifications.

Outcome 2

Align and install the lock and lock-strike fittings.

Performance criteria

- 2.1 The lock and lock-strike fittings are aligned.
- 2.2 Tools are selected according to the material type and the locking device.
- 2.3 Holes for the locking device are made according to manufacturer's specifications.
- 2.4 Lock installation and finishing work is carried out according to manufacturer's specifications.
- 2.5 The lock installation is completed without damage to the lock or surrounding material.
- 2.6 Workplace safety procedures are followed.

Outcome 3

Complete work and demonstrate lock operation.

Performance criteria

- 3.1 Adjustment is made and operation of the locking device are checked according to manufacturer's specifications.
- 3.2 Painting and surface finishing work are carried out according to customer's requirements.
- 3.3 Waste and excess materials are removed and worksite left in a clean and tidy condition.

- 3.4 Customer is shown how to operate the lock according to manufacturer's specifications.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 March 1998	31 December 2018
Review	2	29 July 2002	31 December 2018
Review	3	19 May 2006	31 December 2018
Revision	4	21 September 2007	31 December 2022
Review	5	1 March 2018	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.