

Title	Install and service door control devices		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to select, install, and service door control devices.
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Classification	Mechanical Engineering > Locksmithing
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Available grade	Achieved
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Guidance Information

- 1 References and legislation
Health and Safety at Work Act 2015.
The New Zealand Building Code.
- 2 Definitions
Accepted industry practice refers to codes of practice and standardised procedures accepted by the wider locksmithing industry as examples of best practice.
Door control devices refer to door hardware used to control door movement. These are commonly known as door closers. The devices must be of manual operation, which excludes automatic apparatus such as infra-red door detectors.
Service refers to the maintenance, repair, and adjustment of door control devices.
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.
- 3 Assessment information
All activities must comply with applicable workplace procedures and must be consistent with accepted industry practice. The placement of locking devices on building egress points must comply with the New Zealand Building Code.

Outcomes and performance criteria

Outcome 1

Select door control devices for installation.

Performance criteria

- 1.1 Customer requirements, and the specific application for the door control device, are identified according to worksite procedures.

- 1.2 Door control product types are identified and described in terms of purpose and function.
- 1.3 Door control device is selected to match customer's requirements, and comply with manufacturer's specifications, and regulations and bylaws.

Outcome 2

Install door control devices.

Range door types – timber, aluminium, steel;
applications – inward opening, outward opening.

Performance criteria

- 2.1 The position of the device is determined and marked out, according to manufacturer's specifications.
- 2.2 Tools are selected for the material type and the door control device according to manufacturer's specifications.
- 2.3 Holes for the door control device are made, without damage to surrounding material, according to manufacturer's specifications.
- 2.4 The door control device is installed and finishing work carried out, according to manufacturer's specifications.
- 2.5 Opening pressure and closing speed are adjusted to match customer's requirements and comply with manufacturer's specifications.
- 2.6 Work area is cleaned, and any waste material is removed.

Outcome 3

Service door control devices.

Performance criteria

- 3.1 Faults in door control devices are identified according to manufacturer's specifications.
- 3.2 Door control devices are disassembled and reassembled safely and without damage, according to manufacturer's specifications.
- 3.3 Repair or adjust action is determined to ensure security of premises according to worksite procedures and manufacturer's specifications.
- Range may include but is not limited to – parts replacement, fluid replacement, fluid top up.
- 3.4 Lubricant is selected and applied according to manufacturer's specifications.

- 3.5 Opening pressure and closing speed adjustments are made to match the customer's requirements and comply with manufacturer's specifications.
- 3.6 Work area is cleaned, and any waste material is removed.

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 2022
Review	4	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.