

<b>Title</b>	<b>Design residential and light commercial locking systems</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: establish customer security requirements; produce a specification and schedule of quantities, and make recommendations for residential and light commercial locking systems.
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<b>Classification</b>	Mechanical Engineering > Locksmithing
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Unit 12925, *Demonstrate knowledge of locksmithing ethics* is recommended for entry into this unit standard.
- 2 References and legislation  
Health and Safety at Work Act 2015.  
New Zealand Building Code and regulations.
- 3 Definitions  
*Accepted industry practice* refers to codes of practice and standardised procedures accepted by the wider locksmithing industry as examples of best practice.  
*Residential and light commercial locking systems* refers to a range of light grade locking systems that would require only a limited product knowledge to master key level to include one master code, and up to five individual codes. It may include electronic locking systems.  
*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 Assessment information
  - a. All activities must comply with applicable workplace procedures and must be consistent with accepted industry practice.
  - b. The placement of locking devices on building egress points must comply with the New Zealand Building Code.

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### Outcomes and performance criteria

#### Outcome 1

Establish customer security requirements.

**Performance criteria**

- 1.1 Customer's requirements and the design parameters are ascertained.
- 1.2 Customer's premises are surveyed, and security needs are identified in accordance with customer requirements and building regulations.

**Outcome 2**

Produce a specification and schedule of quantities, and make recommendations for residential and light commercial locking systems.

Range doors, windows, cupboards.

**Performance criteria**

- 2.1 The available residential and light commercial locking systems product range is identified and described in terms of the function and purpose of each.
- 2.2 A design specification including a schedule of quantities is produced and recommendations made in accordance with the customer's requirements.
- 2.3 A quote is produced in accordance with the customer's requirements.

<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.