

<b>Title</b>	<b>Service institutional locking systems</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	People credited with this unit standard are able to: diagnose locking device faults and determine repair action; disassemble and reassemble locking devices; repair and replace locking device parts; lubricate locking device components; and complete servicing work for institutional 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 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.  
*Institutional locking systems* refers to a range of high security locking systems that are required in justice institutions, jails, psychiatric institutions, and high security areas such as airports, cash handling centres, and defence areas. This requires extensive product knowledge of high security 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 Range  
Evidence across a range of six types of locking devices used in high security areas is required.
- 5 Assessment information  
All activities must comply with applicable workplace procedures and must be consistent with accepted industry practice.

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## Outcomes and performance criteria

### Outcome 1

Diagnose locking device faults and determine repair action for institutional locking systems.

#### Performance criteria

1.1 Locking device fault is diagnosed.

Range faults may include – wear, alignment, lock operation.

1.2 Remedial action is determined after fault diagnosis.

Range remedial action may include – repair, parts replacement, parts adjustment.

### Outcome 2

Disassemble and reassemble locking devices.

#### Performance criteria

2.1 Locking device parts are removed without damage and laid out in disassembly order.

2.2 Locking devices are reassembled with parts in correct order.

2.3 Locking devices are functioning.

### Outcome 3

Repair and replace locking device parts for institutional locking systems.

#### Performance criteria

3.1 Locking devices are rekeyed.

3.2 Parts are repaired or replaced.

3.3 Repair and replacement actions meet with the customer's security and operation requirements.

### Outcome 4

Lubricate locking device components.

#### Performance criteria

4.1 Appropriate lubricant is selected and applied to locking device components.

**Outcome 5**

Complete servicing.

**Performance criteria**

5.1 Locking device is adjusted and operated according to its functional design.

5.2 Work area is cleaned, and any waste material is removed.

<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.