

<b>Title</b>	<b>Install and commission safes</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: survey the installation site, and plan and prepare for safe installation; transport safe to site in accordance with the plan; install, test and commission the safe.
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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.  
Private Security Personnel and Private Investigators Act 2010.
- 3 Definitions  
*Accepted industry practice* refers to codes of practice and standardised procedures accepted by the wider locksmithing industry as examples of best practice.  
*Safes* are lockable containers with increased physical protection levels. They may include in-floor safes, fire resistant safes, wall safes, safety deposit boxes, gun cabinets, domestic safes, commercial safes, strongrooms or porta-vaults.  
*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 of a total of five safes; three over 200 kilograms, and two over 500 kilograms 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

Survey the installation site, and plan and prepare for safe installation.

#### Performance criteria

- 1.1 Site survey is conducted to establish the location and method of installation that meets customer requirements.
- 1.2 Location of proposed safe installation is checked for floor loading requirements, floor joists and building services according to building specifications.
- 1.3 Access point into the building is identified and movement to final site is planned.  
Range may include – lifts, stairs, door frames, floor terrain, floor aspect.
- 1.4 Existing and potential risks and hazards are identified and managed to minimize risk of injury to yourself or others or damage to property.

### Outcome 2

Transport safe to site in accordance with the plan.

#### Performance criteria

- 2.1 The safe is transported to the installation site.  
Range must include – moving the safe three steps up or down and on two different types of floor covering.
- 2.2 Transport equipment suitable for the safe is used.

### Outcome 3

Install the safe.

#### Performance criteria

- 3.1 Site is prepared for installation of safe.  
Range may include – floor coverings, floor supports.
- 3.2 Safe is installed and levelled.  
Range at least two must be bolted down.

### Outcome 4

Test and commission the safe.

**Performance criteria**

- 4.1 Door operation and stability is verified.
- 4.2 Relocker transport pins are removed and bolt work operation is verified.
- 4.3 Locking device combinations are set according to client requirements.
- 4.4 Waste and excess materials are removed and worksite left in a clean and tidy condition.
- 4.5 The customer is instructed on the operation of the safe.

<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.