

Title	Identify and cut keys for high security locks		
Level	2	Credits	3

Purpose	People credited with this unit standard are able to: identify and select the high security key blanks; select and set up the key cutting machine; and cut and finish the high security keys.
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Classification	Mechanical Engineering > Locksmithing
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Available grade	Achieved
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Guidance information

- 1 Range
High security keys – safe keys, Bi-lock, Abloy, Medeco, Kaba; evidence of two different types is required.
- 2 Definitions
Gauging refers to the use of a gauge, decoder, or similar measuring and/or testing device to check the accuracy of a key.
Stamping refers to marking the key with a permanent ID whether by individual stamps, set stamps, etching, engraving, or similar method.
Worksite procedures refers to the documented and/or verbal procedures that include: worksite rules, business procedures, equipment operating instructions, quality management systems, and health and safety requirements
- 3 All work practices must meet recognised codes of practice and documented worksite safety procedures (where these exceed any applicable code) for personal, product, and worksite safety, and must comply with current legislation.
- 4 Legislation relevant to this unit standard includes but is not limited to the Health and Safety at Work Act 2015.

Outcomes and performance criteria

Outcome 1

Identify and select the high security key blanks.

Performance criteria

- 1.1 Security and integrity of restricted and high security key systems are maintained, and if necessary the customer is referred to the appropriate locksmithing company, according to worksite procedures.

- 1.2 The identity and bona fide of the person seeking the key cutting are verified according to worksite procedures.
- 1.3 The correct key blank is identified and the documented procedures for cutting high security keys are followed.
- 1.4 Key blank is prepared for cutting according to worksite procedures.

Outcome 2

Select and set up the key cutting machine.

Performance criteria

- 2.1 The key cutting machine is selected to match the key blank according to manufacturer's specifications.
- 2.2 Key blank is set up according to manufacturer's specifications.
- 2.3 Key cutting machine safety procedures are followed according to manufacturer's specifications.
- 2.4 Personal protective clothing and safety equipment are worn according to worksite procedures.

Outcome 3

Cut and finish the high security keys.

Performance criteria

- 3.1 Key space and depth measurements are transposed to the key blank, using key cutting machine and adaptors, according to worksite procedures.
- 3.2 Key cutting machine is operated according to manufacturer's specifications.
- 3.3 Key finishing and accuracy checking is carried out according to worksite procedures.
Range deburring and/or gauging.
- 3.4 Identification is stamped on key, according to worksite procedures.
- 3.5 Key cutting area is cleaned, and any waste material is removed, according to worksite procedures.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

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	26 October 2017	31 December 2022

Consent and Moderation Requirements (CMR) reference

0013

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is expiring