

Title	Polish ferrous and non-ferrous metal parts to produce a decorative finish		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to prepare and polish metal parts to produce a decorative finish.
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Classification	Mechanical Engineering > Metal Surface Finishing
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Available grade	Achieved
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Guidance Information

- 1 Unit 21911, *Demonstrate knowledge of safety on engineering worksites*; and Unit 21912, *Apply safe working practices on an engineering worksite*, are recommended for entry into this unit standard.
- 2 Legislation
Health and Safety at Work Act 2015 and supporting regulations.
- 3 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider mechanical engineering industry sectors as examples of best practice.
Workplace procedures refer to procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – 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 Evidence presented for assessment against this unit standard must include one ferrous and one non-ferrous part, and one coated surface part.

Outcomes and performance criteria

Outcome 1

Prepare equipment.

Performance criteria

- 1.1 Surface material of parts to be polished is identified.

Range common ferrous and non-ferrous metal and those with coated surfaces.

- 1.2 Polishing process and equipment suitable for surface material and quality requirements of the job are selected and prepared.

Outcome 2

Polish metal parts to produce a decorative finish.

Performance criteria

- 2.1 Parts are polished using equipment and process selected.

Range includes but is not limited to – buffs, mops, soaps, liquid polish.

- 2.2 Work is checked for compliance with quality requirements of job.

- 2.3 Surface protective treatment is applied to polished parts as required for the work.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 October 1994	31 December 2016
Revision	2	14 April 1997	31 December 2016
Revision	3	5 January 1999	31 December 2016
Revision	4	23 May 2001	31 December 2016
Revision	5	15 May 2002	31 December 2022
Review	6	15 September 2016	N/A
Revision	7	1 November 2018	N/A
Revision	8	13 December 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.