

Title	Write signs using hand lettering, metal gilding, and airbrush rendering techniques		
Level	4	Credits	40

Purpose	<p>This unit standard is for people working in the signmaking industry wishing to specialise in traditional signwriting.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of brushes used for traditional signwriting; use hand lettering to write signs; demonstrate knowledge of and use metal gilding to embellish signs; and demonstrate knowledge of and use an airbrush to render a pictorial image.</p>
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Classification	Sign Making > Sign Making - Specialisation
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Available grade	Achieved
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Guidance Information

- 1 Reference
Health and Safety at Work Act 2015.
- 2 Definition
Workplace procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.
- 3 Assessment information
All performance criteria must be performed in accordance with workplace procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of brushes used for traditional signwriting.

Performance criteria

- 1.1 Brush types are described in terms of origin, attributes and signwriting usage.

Range	sable, ox, synthetic, hog, blends, lettering brushes, liners, daggers, quills, fitches.
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- 1.2 Brush handling, maintenance, and storage requirements are described in accordance with the brush type requirements.

Outcome 2

Use hand lettering to write signs.

Performance criteria

- 2.1 Sign graphics and lettering are scaled and marked out to meet job specification.
- Range marking out using two of – projecting, pouncing, hand mark out; scaling by using one of – gridding, projecting, measuring.
- 2.2 Lettering is written in a range of styles.
- Range styles – casual, serif, sans serif, script.
- 2.3 Brushes are selected and lettering is written on a range of surfaces in accordance with substrate, application, and aesthetic requirements.
- Range surfaces – glass, timber, masonry.
- 2.4 Paint types are used in accordance with substrate, application, durability, and aesthetic requirements.
- Range acrylics, lettering enamel.
- 2.5 Decorative effects are hand rendered to embellish lettering in accordance with substrate, application, durability, and aesthetic requirements.
- Range outlining, drop shadow, highlighting.
- 2.6 Pin striping and scrolls are hand rendered on smooth surfaces in accordance with substrate, application, durability, and aesthetic requirements.

Outcome 3

Demonstrate knowledge of metal gilding and use metal gilding to embellish signs.

Performance criteria

- 3.1 Loose leaf metals used for gilding are described in terms of their effects and application techniques on signs.
- Range gold, silver, aluminium, variegated, copper.
- 3.2 Water based and enamel based sizes are described in terms of use and compared in terms of advantages and disadvantages.

- 3.3 Lay out, brushing, gilding, and burnishing processes are followed on different substrates to produce gilded signs. Processes are in accordance with substrate, application, durability and aesthetic requirements.

Range substrates – glass, metal, wood.

Outcome 4

Demonstrate knowledge of airbrush use and use an airbrush to render a pictorial image.

Performance criteria

- 4.1 Airbrush types are described in terms of their use, and advantages and disadvantages for signwriting applications.

Range single action, double action, nozzle size.

- 4.2 Care, maintenance, and storage of an airbrush is demonstrated in accordance with manufacturer specifications.

Range includes dismantling, cleaning, and reassembly.

- 4.3 Air supply set up is explained in accordance with airbrush requirements.

Range pressure, filtration, moisture trapping, compressor capacity.

- 4.4 Paint and ink types suitable for airbrushing are described in terms of their use in different signwriting applications.

- 4.5 Freehand and masked airbrushing techniques are described in terms of their use, advantages, and disadvantages for signwriting applications.

- 4.6 An airbrush is used to render a pictorial image.

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	20 April 2017	31 December 2018
Review	2	26 July 2018	31 December 2025
Review	3	29 September 2022	31 December 2025

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>.