

<b>Title</b>	<b>Screen print signs</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	<p>This unit standard is for people working in the signmaking industry.</p> <p>People credited with this unit standard are able to: plan and prepare to screen print signs; set up and screen print signs; and clean equipment and work area.</p>
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<b>Classification</b>	Sign Making > Sign Making - Specialisation
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:  
Health and Safety at Work Act 2015;  
Resource Management Act 1991.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2 Definitions

*Client* – may refer to business owners, printers, property owners, sign manufacturers, statutory bodies.

*Job requirements* – refer to specific requirements for the signmaking job at hand. These requirements may or may not be covered in the workplace job documentation and may include special instructions or quality requirements expected by the customer and/or the production standards of the signmaking workplace and/or organisation.

*Job specifications* – detail that defines an object being made; commonly communicated by annotated and dimensioned drawings; by written description, or by other communication media. External references may also be used to specify objects such as tables or industry standards.

*Service information* – refers to the recommended use and maintenance of machinery, tools and equipment.

*Substrates* – may refer to glass, metals, paper, plastics, wood.

*Tools, equipment and materials* – may refer to drying racks, inks, palette knife, screen, screening table, squeegee, ruler, stencil knife, block out, masking tape, spray adhesive, stencil films, cardboard, cleaning solvents.

*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 Range

Two different signs of a minimum of A3 size and printed in accordance with job specifications.

4 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

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## Outcomes and performance criteria

### Outcome 1

Plan and prepare to screen print signs.

#### Performance criteria

- 1.1 Prepare work area for screen printing.
- 1.2 Identify job specifications in accordance with any drawings, job requirements and the client's brief.
- 1.3 Select tools, equipment, and materials.
- 1.4 Select and prepare substrates.
- 1.5 Identify design for printing and reproduce for screen face.
- 1.6 Prepare material to be screen printed and position for printing.
- 1.7 Identify multiple colour screen-printing requirements and determine and produce the required number of screens.
- 1.8 Mark and cut materials for screen face to set out shape.
- 1.9 Prepare and manufacture stencils and/or screens.

### Outcome 2

Set up and screen print signs.

#### Performance criteria

- 2.1 Prepare ink ready for application.

- 2.2 Set up printing process for operation and align material and screen to meet job specifications.
- 2.3 Print screens onto substrates to achieve registration in accordance with job specifications.
- 2.4 Identify and correct any problems and faults.

### Outcome 3

Clean equipment and work area.

#### Performance criteria

- 3.1 Clean and store equipment.
- 3.2 Clean work area and remove waste.

<b>Replacement information</b>	This unit standard replaced unit standard 20196.
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<b>Planned review date</b>	31 December 2027
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 January 2012	31 December 2021
Review	2	20 April 2017	31 December 2025
Review	3	29 September 2022	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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.