

Title	Operate a sewing machine to sew upholstery covers		
Level	2	Credits	10

Purpose	People credited with this unit standard are able to: demonstrate knowledge of sewing machines; prepare to sew upholstery covers; and prepare and operate a sewing machine to sew upholstery covers.
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Classification	Furniture > Upholstery
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Available grade	Achieved
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Guidance Information

- 1 Assessment information
This unit standard may be assessed against on-job or off-job. However, job specifications, equipment used, and job output must conform to current commercial industry practice.
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 2 Competence must be demonstrated on a bordered cover with plain seams. Seams sewn must require matching of checkpoints.
- 3 Definitions
Manufacturer's instructions are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.
Worksite policies and procedures refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of sewing machines.

Performance criteria

1.1 Features of sewing machines are identified, and their purpose is explained in accordance with manufacturer's instructions.

Range spools, bobbins, feet, foot peddle, on-off switch, tension adjustment control, reverse control, foot lift, stitch adjustment control, needle.

1.2 Basic sewing is explained in terms of purpose and technique.

Range back tacking, plain stitching, fabric feeding.

1.3 Stitch size and tension adjustments are explained in accordance with manufacturer's instructions.

1.4 Sewing machine maintenance requirements are explained in accordance with manufacturer's instructions.

Range lubrication, knives, cleanliness, needles.

Outcome 2

Prepare to sew upholstery covers.

Performance criteria

2.1 Job specifications are obtained and interpreted.

Range number of items, sewing sequence.

2.2 Thread colour is selected in accordance with fabric colour and/or job specifications.

2.3 Machine attachments are selected in accordance with job specifications.

Range needle, bobbins, feet.

2.4 Machine and work surfaces are made free of lubricants and debris.

Outcome 3

Prepare a sewing machine for sewing upholstery covers.

Performance criteria

3.1 Pre-start checks are performed in accordance with the manufacturer's recommendations.

3.2 Machine attachments are fitted to machine in accordance with manufacturer's instructions.

Range needle, bobbins, feet.

3.3 Machine is threaded in accordance with manufacturer's instructions.

Range bobbins, needle, spools.

3.4 Test seam is sewn and stitch size and tensions are checked and adjusted if required.

Outcome 4

Operate a sewing machine to sew upholstery covers.

Performance criteria

4.1 Sewing machine is operated in accordance with manufacturer's instructions.

4.2 Beginning and end of seams are back tacked.

4.3 Output of machine is monitored and adjusted where necessary in accordance with job specifications.

Range stitch size, tension.

4.4 Seams are sewn in accordance with job specifications.

Range straight, even seam allowance, no puckering, even stitch size, checkpoints matched.

4.5 Work area is left clean, clear, and safe.

Replacement information	This unit standard replaced unit standard 14361.
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Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 2009	31 December 2018
Review	2	19 March 2015	N/A
Review	3	26 November 2020	N/A

Consent and Moderation Requirements (CMR) reference	0173
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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.