

Title	Hand build upholstery suspension systems		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to hand build upholstery suspension systems using zigzag springs and coil springs.
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Classification	Furniture > Upholstery
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Available grade	Achieved
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Explanatory notes

- 1 This unit standard must be assessed against on-job.
- 2 Range
Competence must be demonstrated using hand stitching and cover flocking.
- 3 Coils over 200 mm in height require the additional step of tying the middle of them to all sides of the frame to prevent toppling.
- 4 Definitions
Coil springs are made of steel. They have a large coil at the top of the spring and coils that taper down in size to the middle of the spring and then back out again to a large coil at the bottom of the spring.
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.
Zigzag springs are also known as No Sag springs. Zigzag springs are made of steel and shaped in a series of U convolutions. They come in rolls or cut lengths.

Outcomes and evidence requirements

Outcome 1

Hand build upholstery suspension systems using zigzag springs.

Evidence requirements

- 1.1 Job specifications are obtained and explained in accordance with worksite policies and procedures.

Range furniture frames, spring type.

- 1.2 Zigzag springs are fastened to the frame in accordance with job specifications.
- 1.3 Zigzag springs are fitted to mounts securely in accordance with job specifications.
- 1.4 Zigzag springs are connected together to avoid toppling in accordance with job specifications.
- Range one of – springs covered in hessian and attached to hessian using hog rings or by tying, webbing fastened to frame at right angle to springs and springs attached to hessian by hog rings or by tying, zigzag spring wire fitted and crimped to springs.
- 1.5 Zigzag springs are covered with spring protectors to prevent rubbing against seat padding in accordance with worksite policies and procedures.

Outcome 2

Hand build upholstery suspension systems using coil springs.

Evidence requirements

- 2.1 Job specifications are obtained and explained in accordance with worksite policies and procedures.
- Range furniture frames, spring type and height.
- 2.2 Coil springs are fastened to the frame in accordance with job specifications.
- 2.3 Under-felt is fitted to frame in accordance with job specifications and worksite policies and procedures.
- 2.4 Under-felt and springs are stapled to frame in at least three places in accordance with job specifications.
- 2.5 Frame is arrased and webbing is stretched tightly over frames and attached to frame in accordance with worksite policies and procedures.
- 2.6 Bottom coil of springs are hand tied to webbing in a minimum of three places in accordance with worksite policies and procedures.
- 2.7 Hessian is laid over the top of the springs and the top coil of each spring is hand tied to the hessian cover in at least three places.
- 2.8 Sisal is placed over the hessian and hand stitched to hessian in accordance with worksite policies and procedures.
- 2.9 Work area is left clean, clear, and safe in accordance with worksite policies and procedures.

Planned review date	31 December 2019
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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

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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Competenz at qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.