

Title	Use an industrial lockstitch sewing machine to seam and topstitch in a commercial clothing manufacturing workplace		
Level	3	Credits	7

Purpose	People credited with this unit standard are able to use an industrial lockstitch sewing machine to join material using straight and curved seams, and use work aids and machine attachments, in a commercial clothing manufacturing workplace.
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Classification	Clothing Manufacture > Apparel Cutting and Sewing
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Available grade	Achieved
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Guidance Information

- 1 Performance of the elements must comply with the Health and Safety in Employment Act 1992.
- 2 Definitions

Workplace performance criteria refer to the expected standard and speed of performance as set by the quality control management in the candidate's workplace. These criteria are determined by the construction of the garment, the fabric being used and the quality standards that apply in the candidate's workplace. These expectations must be explained and made available to the candidate prior to assessment.

Product, style or garment specifications refer to the documentation that accompanies each manufacturing order. This documentation sets out the fabric to be used for the product, the size range of the order, the garment assembly sequence, garment finishing procedures, and the garment component specifications.

Workplace procedures refer to the verbal or documented procedures for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, manufacturer's specifications, codes of practice, or policy statements.

Lockstitch is sometimes known as plainsew or single needle and refers to the traditional or standard type of stitch produced by industrial and domestic sewing machines.
- 3 Recommended: Unit 20344, *Set up and operate an industrial lockstitch sewing machine in a commercial clothing manufacturing workplace*, or demonstrate equivalent knowledge and skills.

Outcomes and performance criteria

Outcome 1

Join material using straight and curved seams in a commercial clothing manufacturing workplace.

Performance criteria

- 1.1 Materials are stitched to meet workplace performance criteria and style specifications.
- Range stitching parallel, edge and seams straight, seams flat, ends meet, stitch tensions even.
- 1.2 Corners are sewn to meet style specifications.
- Range edges, both sides.
- 1.3 Topstitch and edgestitch sewing meets style specifications.
- Range stitch length, parallel to seam edge, stitch tension correct for fabric density.
- 1.4 Shapes are bagged out and clipped after joining to meet style specifications.
- Range excess material removed, corners sharp and clean, material undamaged.
- 1.5 Handling methods meet workplace performance criteria.
- 1.6 Material and sewing faults are recognised, and corrective action is taken in accordance with workplace performance criteria.
- 1.7 The sewing sequence of cut parts is maintained in accordance with product specifications.
- 1.8 Work practice is in accordance with workplace procedures.

Outcome 2

Use work aids and machine attachments in a commercial clothing manufacturing workplace.

Performance criteria

- 2.1 Machine foot matches fabric and seam used and meets style specifications.
- 2.2 Folders are attached and used for hems and binding.

2.3 Templates and machine benchmarks are used in accordance with style specifications.

Replacement information	This unit standard and unit standard 20347 were replaced by skill standard 40126.
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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	23 November 2003	31 December 2026
Review	2	19 June 2009	31 December 2026
Review	3	29 August 2024	31 December 2026

Consent and Moderation Requirements (CMR) reference	0030
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.