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| Title | Demonstrate knowledge of sewing machines used in the industrial textile fabrication industry | | |
| Level | 3 | Credits | 4 |

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| Purpose | People credited with this unit standard are able to demonstrate knowledge of sewing machines used in the industrial textile fabrication industry. |
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| Classification | Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills |
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| Available grade | Achieved |
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's information, company requirements, industry guidelines and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 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; and any subsequent amendments and replacements.
- 3 Definitions
Company requirements refers to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.
Industry guidelines refers to those practices and procedures commonly used as standard procedures to produce items of acceptable merchantable quality in the industrial textile fabrication industry such as related textbook descriptors.
Manufacturer's information may include – technical information for a machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of sewing machines used in the industrial textile fabrication industry.

Performance criteria

- 1.1 Sewing machine operation is described.
 - Range may include – straight stitch, zigzag, binding, twin needle, computerised, plain, needle feed, compound feed, cylinder arm, flat bed.
- 1.2 Machine threading and needle set up are described.
- 1.3 Machine adjustment points are described.
 - Range foot heights, stitch length, tensions, timing, motor speed, electronic settings.
- 1.4 Machine safety procedures are described.
- 1.5 Machine attachments are described.
 - Range may include – automatic folder, automatic binder, feet, seam and hem guides, lighting, lubrication and needle cooling devices, pullers.
- 1.6 Machine maintenance is explained.
 - Range cleaning, lubrication, hook timing, regular and periodic maintenance.
- 1.7 Stitching faults and their causes are described.
 - Range crooked stitching, badly aligned seams, puckered seams, skipped stitches, poor tension, frayed or broken thread, damaged fabric or material.

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| Replacement information | <p>This unit standard and unit standard 23490 replaced unit standard 1319.</p> <p>This unit standard and unit standard 23490 were replaced by skill standard 40018.</p> |
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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 | 26 March 2007 | 31 December 2020 |
| Rollover | 2 | 27 January 2015 | 31 December 2020 |
| Review | 3 | 28 February 2019 | 31 December 2026 |
| Review | 4 | 30 May 2024 | 31 December 2026 |

Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.