

40129 Maintain and adjust industrial sewing machines

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| Kaupae Level | 3 |
| Whiwhinga Credit | 5 |
| Whāinga Purpose | <p>This skill standard is intended for people who want to learn to maintain and adjust industrial sewing machines. These machines are used in a variety of sectors and the context will be provided through different learning experiences and assessment tasks.</p> <p>This skill standard can be used in qualifications or other credentials that incorporate industrial sewing skills.</p> |

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

| Hua o te ako Learning outcomes | Paearu aromatawai Assessment criteria |
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| 1. Explain the maintenance requirements of industrial sewing machines. | a. Identify the parts of industrial sewing machines that require regular maintenance. |
| | b. Explain how these parts are maintained in accordance with workplace requirements. |
| 2. Lubricate and clean an industrial sewing machine. | a. Lubricate parts using recommended lubricants. |
| | b. Remove all lint from working parts. |
| | c. Complete all maintenance tasks in accordance with workplace safety requirements. |
| 3. Analyse sewing faults and make corrective adjustments on industrial sewing machines. | a. Analyse faults in accordance with manufacturer's specifications. |
| | b. Make adjustments in accordance with manufacturer's specifications. |
| | c. Test adjustments for compliance with product specifications. |

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

All tasks should be in accordance with manufacturer's instructions and workplace procedures.

Assessment evidence can be from a work-based or classroom environment.

Evidence of the maintenance and adjustment of a lockstitch and an overlocker is required.

Definitions

Industrial sewing machine refers to lockstitch, overlockers and any other commercial or industrial machine used for stitching.

Lockstitch is sometimes known as a plain sewer or single needle and refers to the traditional or standard type of stitch produced by industrial and domestic sewing machines.

Overlocker is sometimes known as overedge and can also include safety stitch and mock safety stitch machines. These machines have knives fitted and can cut fabric to neaten the fabric edges as these are being sewn.

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.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

- Sewing faults, such as elongation, elasticity, appearance, strength, function, tensions, stitch density, thread type, needle type, performance, stitch formation.
- Adjustments such as, tension, stitch length, needle type, needle size, overlock bight, replace overlock knives.

Rauemi | Resources

Legislation, regulations and/or industry standards relevant to this skill standard include but are not limited to:

Health and Safety at Work Act 2015.

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

Legislation can be accessed at: <https://www.legislation.govt.nz>.

Pārongo Whakaū Kouna | Quality assurance information

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| Ngā rōpū whakatau-paerewa Standard Setting Body | Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council |
| Whakaritenga Rārangi Paetae Aromatawai DASS classification | Manufacturing > Clothing Manufacture > Apparel Cutting and Sewing |
| Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR | 0030 |

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| Hātepe Process | Putanga Version | Rā whakaputa Review Date | Rā whakamutunga mō te aromatawai Last date for assessment |
|-------------------------|-----------------------------|--------------------------------------|---|

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| Rēhitatanga Registration | 1 | 29 August 2024 | N/A |
| Kōrero whakakapinga Replacement information | N/A | | |
| Rā arotake Planned review date | 31 December 2029 | | |

Please contact Hanga-Aro-Rau Engineering, Manufacturing and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to this skill standard.