

<b>Title</b>	<b>Demonstrate knowledge of sewing machines, perform routine maintenance, and set lockstitches for boat sail fabrication</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of sewing machines; perform routine maintenance of a sewing machine; and set lockstitches for sewing machines, for boat sail fabrication.
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<b>Classification</b>	Industrial Textile Fabrication > Sailmaking
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<b>Available grade</b>	Achieved
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### Guidance Information

- Learners undertaking assessment against this unit standard are expected to comply with the following legislation, and any subsequent amendments –
  - Health and Safety at Work Act 2015.
- Definition  
*Workplace policies and procedure* refers to the documented procedures and policies providing guidelines of the tasks and activities carried out in the workplace. This typically includes relevant health and safety requirements to manage risk in the workplace.
- Sewing machines, for the purpose of this unit standard, are those that are commonly found in commercial operations and are typically lockstitch industrial machines.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of sewing machines for boat sail fabrication.

#### Performance criteria

- Types of sewing machines and their set up are described in accordance with manufacturer's instructions.
 

Range	types of sewing machines – pneumatic, manually powered, electrically powered; set up – threading up, foot height adjustment, stitch length, roller speed.
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**Outcome 2**

Perform routine maintenance of a sewing machine used for boat sail fabrication.

**Performance criteria**

- 2.1 Routine maintenance of a sewing machine is performed in accordance with manufacturer's instruction and workplace policies and procedures.
- Range includes but is not limited to – lubrication, cleaning.
- 2.2 Sewing machine is tested, and adjustment is carried out if required, to ensure manufacturer's specifications are met.

**Outcome 3**

Set lockstitches for sewing machines for boat sail fabrication.

Range lockstitches include – zig zag, straight;  
sewing machines include – single needle feed, compound feed.

**Performance criteria**

- 3.1 Settings for lockstitches are determined and adjusted in accordance with job specifications and manufacturer's instructions.
- Range evidence of two thread weights is required.
- 3.2 Settings are verified in accordance with job specifications.

<b>Planned review date</b>	31 December 2029
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 September 2018	31 December 2026
Review	2	26 September 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0136
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics WDC [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.