

<b>Title</b>	<b>Operate a hot air welder in the industrial textile fabrication industry</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare for hot air welding; and weld material together using a hot air welder, in the industrial textile fabrication industry.
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<b>Classification</b>	Industrial Textile Fabrication > Industrial Textile Fabrication Core Skills
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<b>Available grade</b>	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.
- 4 It is recommended that people seeking credit for this unit standard first hold credit for Unit 23499, *Demonstrate knowledge of fabric welding in the industrial textile fabrication industry*.

### Outcomes and performance criteria

#### Outcome 1

Prepare for hot air welding in the industrial textile fabrication industry.

**Performance criteria**

- 1.1 Material is selected.
- 1.2 Welding aids are selected.  
Range may include – fabric guides, weights, rollers, nozzles.
- 1.3 Welder is set up to suit material.  
Range may include – width of weld, temperature, speed, pressure, airflow.

**Outcome 2**

Weld material using a hot air welder in the industrial textile fabrication industry.

Range evidence of completing three separate jobs is required.

**Performance criteria**

- 2.1 Material is prepared.
- 2.2 Sample of job material is welded and welder adjustments made.
- 2.3 Material is welded.

<b>Replacement information</b>	<p>This unit standard, unit standard 23499, unit standard 23500, and unit standard 23502 replaced unit standard 1322.</p> <p>This unit standard, unit standard 23499, unit standard 23500, and unit standard 23502 were replaced by skill standard 40027.</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

<b>Consent and Moderation Requirements (CMR) reference</b>	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is expiring