

<b>Title</b>	<b>Set up and operate automated equipment in a manufacturing environment</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to set up, and operate automated equipment in a manufacturing environment.
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<b>Classification</b>	Manufacturing Skills > Manufacturing Processes
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to the:  
Health and Safety at Work Act 2015.  
Resource Management Act 1991 and subsequent amendments.  
Hazardous Substances and New Organisms Act 1996 and subsequent amendments.
- 2 Definitions  
*Automated equipment* refers to production machinery or equipment with an automated process, examples include automated container labelling equipment and automated filling equipment.  
*Job requirements* refer to specific requirements for the job at hand. These requirements may or may not be covered in the job documentation and may include special instructions, quality requirements expected by the customer, and/or production standards as set down by the workplace.  
*Workplace procedures* refer to procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, and procedures to comply with legislative and local body requirements.
- 3 Assessment information  
All activities and evidence must be in accordance with workplace procedures.

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### Outcomes and performance criteria

#### Outcome 1

Set up automated equipment in a manufacturing environment.

#### Performance criteria

- 1.1 Set-up instructions and job requirements are identified.

- 1.2 Automated equipment change-parts or required materials, tools, jigs and fittings are assembled and checked.
- 1.3 Automated equipment is prepared for set-up change.
- 1.4 Change-parts are exchanged, and equipment adjustments and settings are modified in accordance with job requirements.
- 1.5 Automated equipment test run is performed, if required.

**Outcome 2**

Operate automated equipment in a manufacturing environment.

**Performance criteria**

- 2.1 Materials are identified, checked and prepared in accordance with job requirements.
- 2.2 Automated equipment is started and operated.
- 2.3 Emergency stopping procedures for automated equipment are demonstrated.
- 2.4 Automated equipment is monitored, routine adjustments made, and faults are reported.
- 2.5 Processed product is checked and if required, packed against specifications, or forwarded to the next process.
- 2.6 Automated equipment is shut down.
- 2.7 Recording or reporting is carried out.

Range may include but is not limited to – hard copy, electronic, verbal.

<b>Replacement information</b>	This unit standard replaced unit standards 20300 and 20301.
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<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	26 August 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Comments on this unit standard

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.