

<b>Title</b>	<b>Operate pre-set plastics processing machinery</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of plastics processing machinery; start up, shut down; and operate pre-set plastics processing machinery.
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<b>Classification</b>	Plastics Processing Technology > Plastics Processing - General
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<b>Available grade</b>	Achieved
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### Explanatory notes

- 1 Legislation relevant to this unit standard includes but is not limited to the Health and Safety at Work Act 2015.
- 2 Definitions  
*Workplace procedures* – 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, procedures to comply with legislative and local body requirements.
- 3 All evidence requirements must be performed in accordance with workplace procedures.

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### Outcomes and evidence requirements

#### Outcome 1

Demonstrate knowledge of plastics processing machinery.

#### Evidence requirements

- 1.1 Machine components and ancillary equipment are identified and their purpose is described.
- 1.2 Machine services are identified and their purpose and controls are described.  
Range machine services – power, water, compressed air.

**Outcome 2**

Start up and shut down pre-set plastics processing machinery.

**Evidence requirements**

- 2.1 Material data sheet is checked to determine material specific safety requirements.
- Range includes – handling hazards, breathing hazards.
- 2.2 Raw material is verified against job specification and workplace loading procedures are followed.
- Range evidence is required for at least two loading procedures.
- 2.3 Work area is cleared and cleaned to ensure safe operating conditions.
- Range examples are – floors, stairs, platforms, machine surfaces, ledges, intake and output areas, hand tools.  
evidence is required for at least three.
- 2.4 Machinery and ancillary equipment start-up is performed.
- 2.5 Machinery and ancillary equipment shut-down is performed.

**Outcome 3**

Operate pre-set plastics processing machinery.

**Evidence requirements**

- 3.1 Process operations are performed and quality inspection procedures are consistently applied to products.
- Range process operations include – product removal, product finishing, production cycle preparation;  
examples of products are – critical finish products, multi-surface products, multi-cavity products, inserted products, high output products, products requiring trimming or finishing at the machine, products requiring labelling at the machine, products requiring complex packaging at the machine;  
evidence is required for at least two different products.
- 3.2 Production recording is maintained over the period of the production run.
- Range examples of production recording are – a run sheet, a print out of electronic data entry.

<b>Planned review date</b>	31 December 2021
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 September 2016	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>.

#### Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

#### 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.