

Title	Plan, construct and test a template for use in plastics fabrication		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: plan the design and construction of a template; produce a template; and test completed template.
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Classification	Plastics Processing Technology > Plastics Fabrication
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Available grade	Achieved
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Guidance Information

- 1 Health and Safety at Work Act 2015;
Health and Safety in Employment Regulations 1995.

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

- 2 Definition

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace, and are consistent with manufacturer's requirements. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the industry sector.

- 3 Evidence is required for five templates including three different types.

Range template types include but are not limited to – wrap around template, saddle template, cutting template.

- 4 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's specifications, workplace procedures and legislative requirements.

Outcomes and performance criteria

Outcome 1

Plan the design and construction of a template.

Performance criteria

- 1.1 Identify template requirements.
- Range job requirements, materials, tools and equipment, work sequences.
- 1.2 Plan the template dimensions, design, and configuration, using component drawings and specifications.
- 1.3 Develop dimensioned drawings of the template.
- 1.4 Select tools, equipment and materials to construct the template to meet job requirements.

Outcome 2

Produce a template.

Performance criteria

- 2.1 Use drawings, sketches, materials, tools and equipment to produce a template meeting job requirements.

Outcome 3

Test completed template.

Performance criteria

- 3.1 Component is produced using the template.
- 3.2 Check component for compliance with job requirements.
- 3.3 Correct template deviations to produce a component that meets job requirements.
- Range evidence is required for one template correction.
- 3.4 Report template approval and completion of work.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 September 2023	N/A

Consent and Moderation Requirements (CMR) reference

0013

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 Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.