

Title	Cut and join sheet metal components for plumbing or gasfitting		
Level	2	Credits	2

Purpose	People credited with this unit standard are able to cut and join sheet metal components for plumbing or gasfitting.
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Classification	Plumbing, Gasfitting and Drainlaying > Core Plumbing, Gasfitting, and Drainlaying
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Available grade	Achieved
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Guidance Information

- 1 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
Building Act 2004.

Any new, amended or replacement referenced standards, codes of practice, guidelines, Building Code Acceptable Solutions and Verification Methods, or authority requirements affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 **Definition**
Job requirements refer to specific requirements of the job at hand not covered by job specifications.
Job specifications, for the purpose of this unit standard, refer to instructions (oral, written, graphic) and may include any of the following: manufacturers' instructions; design drawing detail specifications; specifications from a specialist source such as an architect, designer, engineer, or a supervisor; and site or work specific requirements.
Other services refer to existing installed services.
Specifications refer to written specifications, plans, instructions or information measured from job.

- 3 **Assessment information**
This unit standard is intended to be completed after unit standard 25413 *Draw and form simple patterns for plumbing or gasfitting sheet metal components*. The assessment of unit standard 25413 and unit standard 25414 may be combined. All work completed must be in accordance with job specifications.

Outcomes and performance criteria

Outcome 1

Cut and join sheet metal components for plumbing or gasfitting.

Range two or more components; components must include one integral and one mechanical joint.

Performance criteria

1.1 Cut sheet metal component parts accurately.

1.2 Form integral joints using non-fastener methods.

Range includes one of grooved seam, countersunk grooved seam, paned down, knock-up seam.

1.3 Form mechanical joints.

Range includes one of – spot weld, soft solder, silver braze, solid rivet, blind or pop-rivet, screwed or bolted.

Planned review date	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	23 January 2009	31 December 2026
Review	2	12 December 2024	N/A

Consent and Moderation Requirements (CMR) reference	0008
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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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.