

Title	Describe fits, tolerances and metal bending allowances and perform calculations in the coachbuilding industry		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: describe fits, tolerances and metal bending allowances; and perform calculations in the coachbuilding industry.
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Classification	Motor Industry > Coachbuilding
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Available grade	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 service information, company requirements 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 current version of the Health and Safety at Work Act 2015 and any subsequent amendments or replacements.
- 3 Definitions
Company requirements refer 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.
Service information refers to information such as technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
- 4 There is no minimum number or size of job applicable to this unit standard; however, the combination of jobs calculated must cover the minimum requirements outlined in the range of outcome 2.

Outcomes and performance criteria

Outcome 1

Describe fits, tolerances and metal bending allowances in the coachbuilding industry.

Performance criteria

- 1.1 Fits and tolerances are described.

1.2 Metal bending allowances are described.

Outcome 2

Perform calculations in the coachbuilding industry.

Range measurements (circular, angular, area, volume, circumference), weight.

Performance criteria

2.1 Calculations are carried out.

Planned review date	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Status information and last date for assessment for superseded versions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	25 September 1997	31 December 2023
Revision	2	14 November 2000	31 December 2023
Revision	3	13 March 2001	31 December 2023
Revision	4	16 October 2003	31 December 2023
Review	5	25 February 2008	31 December 2023
Review	6	25 November 2021	N/A

Consent and Moderation Requirements (CMR) reference	0014
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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 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.