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| Title | **Make and fit vehicle steps in the coachbuilding industry** |
| Level | **4** | **Credits** | **5** |

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| Purpose | People credited with this unit standard are able to: prepare to make vehicle steps in the coachbuilding industry; measure, mark out, and cut materials for the steps; and assemble and fit steps to a vehicle. |

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| Classification | Motor Industry > Coachbuilding |

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| Available grade | Achieved |

**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* refers 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* may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

3 Range

This unit standard includes any three of – recessed steps, tailboard steps, folding steps, platform steps, sliding steps, door operated steps.

**Outcomes and performance criteria**

**Outcome 1**

Prepare to make vehicle steps in the coachbuilding industry.

**Performance criteria**

1.1 Materials used to make the step are selected and procured.

Range framing, panelling, attachments, tread plate.

**Outcome 2**

Measure, mark out, and cut materials for the steps.

**Performance criteria**

2.1 Step panel material is measured and legibly marked out.

2.2 Framing materials are measured and legibly marked out.

2.3 Materials are cut to size.

2.4 All material measurements are checked.

2.5 Painting and anti-corrosion procedures are carried out.

**Outcome 3**

Assemble and fit steps to a vehicle.

**Performance criteria**

3.1 Step frame is assembled.

3.2 Step panels are attached to the step frame.

Range one of – welded, mechanical fastenings, bonded.

3.3 Assembled steps are attached and aligned to vehicle frame.

Range one of – welded, mechanical fastenings, bonded.

3.4 Painting and anti-corrosion procedures are carried out.

3.5 Attachments are fitted to steps.

Range may include – tread plate, step edge, tread material, safety edging.

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| Planned review date | 31 December 2025 |

**Status information and last date for assessment for superseded versions**

| Process | Version | Date | Last Date for Assessment |
| --- | --- | --- | --- |
| Registration | 1 |  |  |
|  | 2 |  |  |
|  | 3 |  |  |
|  | 4 |  | 31 December 2023 |
| Review | 5 |  | N/A |

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| Consent and Moderation Requirements (CMR) reference | 0014 |

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.