

| | | | |
|--------------|---|----------------|----------|
| Title | Demonstrate knowledge of fabricating a new motor body panel in the motor body industry | | |
| Level | 3 | Credits | 2 |

| | |
|----------------|---|
| Purpose | People credited with this unit standard are able to demonstrate knowledge of fabricating a new motor body panel in the motor body industry. |
|----------------|---|

| | |
|-----------------------|-----------------------------------|
| Classification | Motor Industry > Vehicle Bodywork |
|-----------------------|-----------------------------------|

| | |
|------------------------|----------|
| Available grade | Achieved |
|------------------------|----------|

Guidance Information

- 1 Legislation and references
Performance of the outcomes of this unit standard must comply with the following:
Health and Safety at Work Act 2015.
- 2 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.
- 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.
Suitable tools and equipment refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.
- 4 Assessment
Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of fabricating a new motor body panel in the motor body industry.

Performance criteria

- 1.1 Purpose of fabricating a panel is identified.
- 1.2 Panel patterns and templates are described.
- 1.3 Measuring and marking out equipment are described.
- 1.4 Suitable tools and equipment used to fabricate a panel are described.
- Range may include – folding, wheeling, rolling, guillotine, jenny and swaging, shrinker/stretcher, snips, hammers, dollies, files, sanders, welding equipment, hacksaws, finger or box folder. minimum evidence of ten tools is required.
- 1.5 Principles of fabricating a panel are explained.
- Range may include – folding, wheeling, rolling, cutting, shaping. minimum of three principles is required.
- 1.6 Safety precautions when fabricating are identified.
- Range personal safety, safety of others, vehicle safety, workshop safety, environmental safety, tools and equipment safety.

| | |
|--------------------------------|---|
| Replacement information | This unit standard and unit standard 24081 replaced unit standard 3876. |
|--------------------------------|---|

| | |
|----------------------------|------------------|
| Planned review date | 31 December 2027 |
|----------------------------|------------------|

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1 | 25 February 2008 | 31 December 2022 |
| Review | 2 | 29 July 2021 | 31 December 2022 |
| Review | 3 | 25 May 2023 | N/A |

| | |
|--|------|
| 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 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.