

<b>Title</b>	<b>Apply finish coats of paint to a complete vehicle panel in the motor industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare to apply finish coats of paint to a complete vehicle panel in the motor body industry; and apply the paint to a complete panel of a vehicle.
----------------	---

<b>Classification</b>	Motor Industry > Vehicle Bodywork
-----------------------	-----------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- Legislation and references**  
 Performance of the outcome of this unit standard must comply with the following:  
 Health and Safety at Work Act 2015;  
 Hazardous Substances and New Organisms Act 1996;  
 Spray Coating Regulations 1962;  
 Approved Code of Practice for the Safe Use of Isocyanates 1994 is available online from the WorkSafe website <http://www.business.govt.nz/worksafe/>.
- 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.
- 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* 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.
- 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.
- Recommended skills and knowledge**  
 It is recommended that people hold credit for Unit 21711, *Demonstrate knowledge of colours and finish coats in the motor industry*, or demonstrate equivalent knowledge and skills.

---

## Outcomes and performance criteria

### Outcome 1

Prepare to apply finish coats of paint to a complete vehicle panel in the motor body industry.

#### Performance criteria

- 1.1 Panel to be painted is cleaned and prepared.
- Range dust, dirt, wax, silicone polishes, moisture, air-borne contamination, key for the paint to adhere.
- 1.2 Adjacent areas needing protection are identified and protected.
- 1.3 Spray gun is selected, set up and adjusted for the type of paint.
- 1.4 Paint is prepared for application.
- Range thinning, straining.

### Outcome 2

Apply the paint to a complete panel of a vehicle.

#### Performance criteria

- 2.1 Requirements of legislation and the paint manufacturer's instructions which relate to applying paint are identified and complied with.
- Range personal safety; safety to others; workshop, vehicle, tools, and equipment safety.
- 2.2 Air pressure is selected for the type of paint being used.
- 2.3 Paint is applied and drying time is observed.
- 2.4 Surface is free of dirt, runs, dry spray, heavy orange peel, and uneven coating when dry.

---

<b>Replacement information</b>	This unit standard and unit standard 21711 replaced unit standard 3872 and unit standard 3882.
--------------------------------	--

<b>Planned review date</b>	31 December 2027
----------------------------	------------------

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

Process	Version	Date	Last Date for Assessment
Registration	1	27 July 2005	31 December 2020
Review	2	29 March 2018	31 December 2027
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](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.