

<b>Title</b>	<b>Check preparation and apply an anti-chip coating and/or texture finish to a vehicle</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	This unit standard is for people who wish to enter or are employed in the automotive refinishing industry. People credited with this unit standard are able to check preparation of a vehicle, and apply anti-chip coating and/or texture finish to a vehicle.
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<b>Classification</b>	Motor Industry > Automotive Refinishing
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and references  
Performance of the outcome of this unit standard must comply with the following:  
Hazardous Substances and New Organisms Act 1996;  
Health and Safety at Work Act 2015;  
Spray Coating Regulations 1962;  
*Approved Code of Practice for the Safe Use of Isocyanates* (WorkSafe).
- 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 *Approved Code of Practice for the Safe Use of Isocyanates* is available online from the WorkSafe website [www.business.govt.nz/worksafe/information-guidance/all-guidance-items/acop-isocyanates](http://www.business.govt.nz/worksafe/information-guidance/all-guidance-items/acop-isocyanates).
- 4 Definitions  
*Company requirements* refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – company specifications and procedures, work instructions, manufacturer specifications, product quality specifications and legislative requirements.  
*Service information* may include but is not limited to – technical information of a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; and detailed illustrations. This may be accessed from the manufacturer.  
*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.

- 5     **Range**  
Assessment against this unit standard applies to water and solvent based anti-chip and textured coatings.
- 6     **Assessment**  
Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's specifications, service information, company and legislative requirements (this includes the knowledge and/or use of suitable tools and equipment).

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## **Outcomes and performance criteria**

### **Outcome 1**

Check preparation of a vehicle.

#### **Performance criteria**

- 1.1        Surface is checked for defects.
- Range        sanding defects, repair defects, no missed sanding.
- 1.2        Masking is secure and smooth.
- Range        no loose masking, remasking as necessary, all edges secure.
- 1.3        Surface is cleaned.
- Range        solvent wash, blow off dust, tack off dust.

### **Outcome 2**

Apply anti-chip coating and/or texture finish to a vehicle.

#### **Performance criteria**

- 2.1        Spray gun is selected and adjusted, and used in accordance with paint manufacturer's specifications.
- Range        may include but is not limited to – gravity feed, suction feed, pressure feed; set up equipment, air pressure adjustment, fan adjustment, fluid adjustment.
- 2.2        Material is prepared in accordance with paint manufacturer's specifications and/or company requirements.
- Range        thinning, mixing, straining, measuring stick and paint container.

2.3 Legislative requirements which relate to applying paint are identified and complied with.

Range personal safety, safety of other people, vehicle safety, workshop safety, environmental safety, tools, equipment, spray booth, and machine safety, solvent, isocyanate and paint inhalation and absorption.

2.4 Coating is applied, ensuring there is no difference in texture to original effect.

2.5 Top coating is applied in accordance with paint manufactures specifications.

Range single pack or two pack.

2.6 Paint is dried in accordance with paint manufactures specifications.

2.7 The surface is checked, and defects are rectified.

Range surface is free of – dirt, runs, dryspray, uneven coating when dry.

2.8 Tools and equipment are cleaned and put away, and the work area is cleaned.

2.9 Materials are sealed and stored.

<b>Planned review date</b>	31 December 2027
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 January 1996	31 December 2018
Review	2	20 December 1998	31 December 2018
Revision	3	16 October 2003	31 December 2018
Review	4	26 November 2007	31 December 2018
Review	5	21 April 2016	31 December 2027
Review	6	25 May 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 the 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.