

<b>Title</b>	<b>Demonstrate knowledge of paint defects in the automotive refinishing industry</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of paint defects in the automotive refinishing industry.
----------------	--

<b>Classification</b>	Motor Industry > Automotive Refinishing
-----------------------	---

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

---

### Guidance Information

- 1 Legislation and references  
Performance of the outcome of this unit standard must comply with the following:  
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 <http://www.business.govt.nz/worksafe/>.
- 4 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.
- 5 Assessment  
Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturers specifications, service information, company requirements and legislative requirements.

## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of paint defects in the automotive refinishing industry.

### Performance criteria

1.1 Types and appearance of paint defects are described.

Range acid spotting, blistering, blushing, blooming, bridging, chalking, checking, cracking, crazing, dirt, dry spray, edge mapping, etching, fading, fish eyes, flaking, haloing, humidity blisters, mottling, orange peel, overspray, pin holes, poor opacity, plastic bleed through, runs, rust, sand scratch swelling, shrinking and splitting, streaking, solvent popping, tape marks, water spotting, webbing.

1.2 Causes of paint defects are explained.

Range environment, preparation, application, deterioration.

1.3 Procedures for repairing paint defects are explained.

Range polish, refinish.

1.4 Health and safety hazards when repairing paint defects are described.

Range fire, fumes, overspray, spray mist, toxic dust.

<b>Replacement information</b>	This unit standard and unit standard 24013 replaced unit standard 5716.
--------------------------------	---

<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	26 November 2007	31 December 2023
Review	2	10 December 2020	31 December 2027
Review	3	25 May 2023	N/A

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