

Title	Use paint curing equipment in an automotive refinishing workshop		
Level	4	Credits	5

Purpose	This unit standard is for people who work in the automotive refinishing industry. People credited with this unit standard are able to use automotive refinishing workshop equipment and use paint curing equipment in an automotive refinishing workshop.
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Classification	Motor Industry > Automotive Refinishing
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Available grade	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.
- 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
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.
Workplace 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.
- 4 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.

- 5 Recommended skills and knowledge
Unit 24010, *Demonstrate knowledge of workshop and paint curing equipment in the automotive refinishing industry*, or demonstrate equivalent knowledge and skills.
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Outcomes and performance criteria

Outcome 1

Use automotive refinishing workshop equipment.

Performance criteria

- 1.1 Air cleaning equipment is operated, ensuring no moisture or oil comes through the air line.
- Range may include but is not limited to – air cleaner; air dryer, airline drain legs.
- 1.2 Air tools are lubricated and operated, ensuring functional operation.
- Range may include but is not limited to – attached to airline, attached to machine, manually.
- 1.3 Spray booth controls are identified, and the booth is operated, ensuring functional operation.
- 1.4 Dust extraction equipment is operated, ensuring functional operation.
- 1.5 Compressor is operated, ensuring functional operation.
- 1.6 Airline system is operated, ensuring functional operation.
- 1.7 Respirators are identified, and operation is checked.
- Range positive pressure and cartridge type respirators; air supply, cartridges and filters, cleanliness, moisture traps.
- 1.8 Floor jack is used without damage to the vehicle.
- Range jacking points on vehicles, keeps vehicle off the ground, using axle stands.

Outcome 2

Use paint curing equipment in an automotive refinishing workshop.

- Range may include but is not limited to – infra red, bake oven, and gas fired arch, gas infrared, ultraviolet.

Performance criteria

2.1 Temperature and bake cycle for bake oven are identified and used, and the paintwork is baked, ensuring there is no damage to vehicle components.

Range may include but is not limited to – computers, plastic fittings, interior, exterior trim, supplementary restraint system.

2.2 Paint drying times when using infrared systems are identified and adhered to, and the paintwork is dried, ensuring there is no damage to paintwork, components, or fittings.

Range may include but is not limited to – computers, plastic fittings, interior, exterior trim, supplementary restraint system.

Replacement information	This unit standard and unit standard 24010 replaced unit standard 5713 and unit standard 5714.
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Planned review date	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	26 November 2007	31 December 2018
Review	2	21 April 2016	31 December 2027
Review	3	25 May 2023	N/A

Consent and Moderation Requirements (CMR) reference	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 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.