

Title	Demonstrate knowledge of servicing and maintenance of automotive refinishing air services and paint curing equipment		
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 demonstrate knowledge of servicing and maintenance, required for air services, requirements for the paint preparation area, and of 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
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.
- 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

Demonstrate knowledge of servicing and maintenance required for air services in an automotive refinishing workshop.

Performance criteria

- 1.1 Servicing and maintenance requirements for air filtration and lubrication equipment are described.
- Range maintenance and servicing may include – air dry filter, airline drain legs, air dryer, filters, airline lubricator for air tools.
- 1.2 Air filtration and lubrication equipment is maintained.
- Range evidence may include – service schedules, service stickers, provider of servicing, frequency of servicing.

Outcome 2

Demonstrate knowledge of servicing and maintenance requirements for the paint preparation area in an automotive refinishing workshop.

Performance criteria

- 2.1 Servicing and maintenance requirements for dust extraction equipment are identified.
- 2.2 Servicing requirements for respirators are identified.
- 2.3 Airline system maintenance requirements to minimise air leaks and drops in pressure are identified.

Outcome 3

Demonstrate knowledge of servicing and maintenance of paint curing equipment in an automotive refinishing workshop.

- Range may include – infra red, bake oven, gas fired arch, gas infrared, ultraviolet
minimum of two required.

Performance criteria

- 3.1 Paint curing equipment servicing and maintenance is described in accordance with manufacturers recommendations.

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	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.