

Title	Demonstrate knowledge of primers, fillers, and sealers in the automotive refinishing industry		
Level	3	Credits	3

Purpose	This theory-based unit standard is for people who work in the automotive refinishing industry. People credited with this unit standard are able to demonstrate knowledge of primers, fillers, and sealers used in the automotive refinishing industry.
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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:
Health and Safety at Work Act 2015
Hazardous Substances and New Organisms Act 1996
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 *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 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.
- 5 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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of primers, fillers, and sealers in the automotive refinishing industry.

Performance criteria

- 1.1 Purposes and types of primers are described.
- Range key for following paint, etch primers, epoxy, tintable primers, wet-on-wet primers, high solid, medium solid, low solid, waterborne, solvent borne.
- 1.2 How primers function is described.
- Range application, film build, compatibility.
- 1.3 How primer surfacers and fillers function is described.
- Range application, film build, compatibility.
- 1.4 Purposes of sealers are described.
- Range single pack, two pack.
- 1.5 How sealers function is described.
- Range barrier coat, flexibility, prevention of sinkage, wet-on-wet, sandable, adhesion.

Replacement information	This unit standard and unit standard 24005 replaced unit standard 5708.
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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	18 August 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.