



Australian Government

AURVTP125 Apply water-based refinishing materials to vehicle bodies and substrates

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to mix and apply water-based refinishing materials in order to refinish a variety of vehicle bodies and substrates. This unit involves preparing for the task, selecting and using specialist tools and equipment, identifying paint defects, preparing surfaces, selecting, mixing and applying water-based refinishing materials according to manufacturer specifications, and completing workplace processes and documentation.

The unit applies to those working in the automotive refinishing industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Unit Sector

Vehicle Body Technical - Paint

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Identify job requirements from workplace instructions 1.2 Identify hazards associated with the work, assess potential risks and implement control measures in line with workplace policies and procedures 1.3 Identify tools, equipment and chemicals required for repair activity and establish serviceability according to workplace procedures
2. Mix water-based refinishing materials	2.1 Calculate and mix water-based paint materials according to paint manufacturer specifications, formulas, codes and

ELEMENTS	PERFORMANCE CRITERIA
	workplace procedures 2.2 Record codes and information relevant to job requirements
3. Apply water-based refinishing materials	3.1 Apply refinishing materials using manufacturer recommended method and intervals, and techniques that ensure painted surface meets job requirements, according to workplace procedures 3.2 Dry refinishing materials using approved methods and equipment
4. Rectify paint faults	4.1 Identify paint faults according to workplace procedures 4.2 Select rectification procedures according to fault or damage type 4.3 Select materials to rectify paintwork from paint manufacturer information 4.4 Rectify paint surface faults using compounds, polishes and glazes to blend rectified areas with existing paintwork
5. Complete work processes	5.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 5.2 Clear work area and dispose of or recycle materials according to workplace procedures 5.3 Complete documentation according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently.
Reading	- Interprets workplace instructions such as job cards - Organises and interprets technical information from workplace procedures, manufacturer specifications, industry standards and paint technical data sheets (TDS) and safety data sheets (SDS).
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.

SKILL	DESCRIPTION
Numeracy	• Interprets paint codes and formulas • Sets and adjusts settings for: • spray painting air pressure • paint measuring system • spray booth temperature settings • Uses basic mathematical operations, including addition, subtraction, multiplication and division to: • determine ratios • measure and calculate quantities of paint and materials.
Planning and organising	• Plans own work requirements • Prioritises actions to achieve required outcomes • Ensures tasks are completed within workplace timeframes.
Technology	• Uses specialist equipment.

Unit Mapping Information

Supersedes and is equivalent to AURVTP025 Apply water-based refinishing materials to vehicle bodies and substrates.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>