



Australian Government

AURVTP030 Apply paint to vehicle body panels

Release: 1

AURVTP030 Apply paint to vehicle body panels

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to apply paint to vehicle body panels. It involves planning and preparing for the task, selecting paint from a colour code, tinting and mixing paint, applying paint to a panel using a spray gun, drying the panel, and maintaining the work area, tools and equipment.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry. The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

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

Competency Field

Vehicle Body

Unit Sector

Technical - Paint

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare for work	1.1 Task instructions are interpreted and vehicle body panel to be worked on is identified 1.2 Vehicle colour codes are interpreted and paint type, colour,

Elements Elements describe the essential outcomes.	Performance Criteria Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
	quality and quantity are determined, including top coat 1.3 Manufacturer specifications and workplace procedures for painting body panel are sourced and interpreted 1.4 <i>Safety and environmental requirements</i> are sourced and interpreted 1.5 Spray gun and air line equipment, and paint mixing and tinting equipment are identified and checked for serviceability 1.6 Potential hazards and risks associated with task are identified and reported to workplace supervisor
2. Tint and mix paint	2.1 Paint colour tint requirements are calculated to achieve vehicle colour code 2.2 Paint is mixed according to manufacturer specifications, workplace procedures, and safety and environmental requirements 2.3 Paint colour and mixing requirements are recorded
3. Apply top coat	3.1 Paint is applied using manufacturer recommended method and intervals according to safety and environmental requirements 3.2 Paint is dried using approved methods and equipment 3.3 Body panel is inspected to ensure painted surface meets requirements for colour and finish
4. Complete work processes	4.1 Final inspection is made to ensure work meets task instructions and workplace standards, and body panel is presented ready for use or storage according to workplace procedures 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored according to environmental requirements and workplace procedures 4.3 Tools and equipment are checked and stored according to workplace procedures, or tagged and reported as required 4.4 Workplace documentation is processed according to workplace procedures

Foundation Skills

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

Skills	Description
Learning skills to:	locate appropriate sources of vehicle colour information and paint procedures.
Reading skills to:	- select and interpret key information from: - manufacturer specifications, safety requirements and workplace procedures relating to applying paint to body panels - environmental requirements and workplace procedures to ensure a clean and safe work site.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	clarify instructions and procedures
Numeracy skills to:	use basic mathematical operations, including addition, subtraction, multiplication and division, to calculate volumes.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes.
Technology skills to:	set up and operate equipment and tools required to apply paint to body panels.

Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Safety and environmental requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear - using hand tools - using fume extraction equipment - environmental requirements, including procedures for trapping, storing and disposing of paint and cleaning materials.
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Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AURVTP030 Apply paint to vehicle body panels

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- apply vehicle paint to two different major vehicle body panels.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to applying paint to vehicle body panels, including procedures for:
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
 - using hand tools
 - using fume extraction equipment
- environmental requirements, including procedures for trapping, storing and disposing of paint and cleaning materials
- paint colour mixing procedures, including:
 - vehicle colour code systems
 - colour tint calculation procedures
 - use of mixing scales
- panel painting procedures, including:
 - types, application and operation of spray guns
 - spray gun strain and spray test patterns
- procedures for final inspection of painted vehicle body panels.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the body panels that they have painted, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive repair workplace or simulated workplace
- PPE for painting vehicle panels
- two different major vehicle body panels
- spray gun
- tools, equipment and materials for painting vehicle panels.

Links

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