



Australian Government

AURVTP026 Apply basic airbrush techniques to vehicle body panels

Release: 1

AURVTP026 Apply basic airbrush techniques to vehicle body panels

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to apply basic airbrush techniques to a variety of vehicle panels and substrates. It involves preparing for the task, selecting and using specialist tools and equipment, selecting designs and templates, applying refinishing materials according to workplace and customer instructions, and completing workplace processes and documentation.

It applies to those working in the automotive paint refinishing repair industry.

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 to apply basic airbrush techniques	1.1 Job requirements are determined from workplace instructions 1.2 Airbrush specifications are accessed and interpreted 1.3 Airbrush materials are selected and inspected for quality 1.4 Hazards associated with the work are identified and risks are

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.
	managed 1.5 <i>Airbrush tools and equipment</i> and personal protective equipment (PPE) are selected and checked for serviceability 1.6 Work is planned to identify basic <i>airbrush application techniques</i>, minimise waste, and prevent damage to vehicle
2. Apply airbrushing	2.1 Paint surface preparation methods are identified 2.2 Surfaces are prepared for airbrush according to workplace procedures and <i>safety and environmental requirements</i> 2.3 Prepared stencil is airbrushed over to produce a flat and graded wash and geometric shapes 2.4 Visual light and shaded texture is achieved
3. Produce designs and apply clear top coat	3.1 Controlled straight and curved work using airbrush graduation techniques is carried out 3.2 Shading patterns and designs are produced using airbrush graduation techniques 3.3 Clear top coat is prepared using solvent and tack rags 3.4 Clear top coat is applied and checked for texture, depth and gloss 3.5 Surface refinishing is completed according to workplace procedures and timeframes
4. Complete work processes	4.1 Final inspection is made to ensure work meets workplace expectations and component is presented ready for use 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 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 information efficiently.

Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report quality issues and job outcomes.
Numeracy skills to:	- accurately set and adjust settings for spray painting air pressure - use basic mathematical operations, including addition and subtraction, to: - determine paint mixing ratios - measure and calculate quantities of paint.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	use workplace airbrush technology and equipment.

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>Materials</i> must include:	- templates and stencils - masking mediums - polishing compounds and glazes - cleaning materials.
<i>Airbrush tools and equipment</i> must include:	- single and double action airbrush gun - gravity feed airbrush gun - side feed airbrush gun.
<i>Airbrush application techniques</i> must include:	- stencilling techniques - graduation techniques.
<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 PPE - handling and storing paint materials - using tools and equipment - using approved drying area - environmental requirements, including procedures for trapping, storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTP2026 Carry out basic airbrush application techniques

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 AURVTP026 Apply basic airbrush techniques to vehicle body panels

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

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

- airbrush basic customised designs on two different vehicle body panels or substrates, in which the work must involve:
 - pictorial reproduction
 - highlighting
 - special effects.

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 basic airbrush techniques to vehicle body panels, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - handling and storing paint materials
 - using tools and equipment
 - using approved drying area
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- key features of stencils and graphic design techniques used with vehicle substrates
- types and application methods for airbrushing automotive paints and designs, including correct use of positive air feed masks
- airbrushing application techniques, including:
 - types and main parts of airbrush

- types of masking and stencil mediums
- types of clear top coat refinishing materials
- types and use of airbrush materials and equipment, including:
 - set-up, operation and maintenance of spray guns
 - airbrush spray gun operation and spraying techniques
 - paint cleaning materials and equipment
 - spray gun cleaning methods
- procedures for protecting vehicle and components when airbrushing
- procedures for final inspection of airbrush application.

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 task.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the airbrushing activities that they have carried out on vehicle substrates, e.g. work 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
- workplace instructions
- PPE required to apply airbrushing
- clear top coat refinishing materials
- airbrush spray guns and paint materials
- two different vehicle body panels or substrates specified in the performance evidence requiring the application of basic airbrush designs
- airbrush spray guns
- tools, equipment and materials appropriate for applying basic airbrush techniques to vehicle body panels.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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