



Australian Government

AURVTP003 Prepare vehicle spray painting equipment for use

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to clean and maintain vehicle spray painting equipment. It involves preparing for the task, selecting and using cleaning materials and equipment, preparing spray painting equipment for vehicle refinishing activities, 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 for work	1.1 Job requirements are determined from workplace instructions 1.2 <i>Set-up information</i> is sourced and interpreted 1.3 Hazards associated with the work are identified and risks are managed 1.4 <i>Painting equipment</i> and personal protective equipment (PPE) are selected and checked for serviceability

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.
	1.5 Work is planned to identify spray painting methods, minimise waste, and use time efficiently
2. Set up spray painting equipment ready for use	2.1 Spray guns are set up, tested and maintained according to manufacturer instructions, workplace procedures, and <i>safety and environmental requirements</i> 2.2 Paint mixing system and paint agitators are set up and checked for serviceability, according to equipment manufacturer specification 2.3 Paint drying systems are set up and inspected for correct operation according to workplace procedures 2.4 Pressure regulators and air lines are checked according to workplace procedures
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and equipment is presented ready for use 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 3.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 3.4 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:	interpret air pressure gauge settings and spray booth drying time.
Planning and organising	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within

Skills	Description
skills to:	workplace timeframes.
Technology skills to:	use specialist spray painting 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>Set-up information</i> must include:	- workplace procedures - equipment manufacturer specifications - equipment operating instructions.
<i>Painting equipment</i> must include:	- paint mixing system and paint agitators - gravity feed spray guns - suction feed spray guns - high volume low pressure (HVLP) spray guns - pressure regulators - air compressors and air lines.
<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 - using tools and equipment - environmental requirements, including procedures for trapping, storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTP2003 Prepare spray painting materials and equipment

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 AURVTP003 Prepare vehicle spray painting equipment for use

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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:

- prepare the following spray painting equipment for two different vehicle spray painting tasks:
 - high volume low pressure (HVLP) spray guns
 - paint mixing system and paint agitators
 - positive air feed masks
 - gravity feed spray guns
 - spray and drying booths
 - suction feed spray guns
 - air pressure regulators
 - air compressors and air lines.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to preparing vehicle spray painting equipment for use, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- equipment manufacturer specifications and operating instructions relating to spray painting equipment
- types and use of spray painting equipment, including:

- spray gun use and associated equipment set-up and maintenance
- correct use of positive air feed masks
- filters and dryers
- spray equipment cleaning methods and materials
- paint mixing systems
- paint pressure pot systems
- spray and drying booths
- procedures for final inspection of vehicle spray painting equipment operation.

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 vehicle spray painting equipment that they have prepared, 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
- equipment manufacturer specifications and operating procedures
- PPE to prepare spray painting materials and equipment
- spray guns
- paint mixing systems
- drying equipment
- tools, equipment and materials appropriate for preparing vehicle spray painting equipment.

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