



Australian Government

AURVTP103 Prepare vehicle spray painting equipment for use

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 clean and maintain vehicle spray painting equipment. This unit 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.

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. Set up spray painting equipment ready for use	2.1 Set up, test and maintain spray guns according to workplace and manufacturer procedures, workplace health and safety and environmental requirements 2.2 Set up paint mixing system and paint agitators and establish serviceability according to manufacturer specifications

ELEMENTS	PERFORMANCE CRITERIA
	2.3 Set up paint drying systems and inspect for correct operation according to workplace procedures 2.4 Check pressure regulators and air lines according to workplace procedures
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm equipment is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 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 and industry standards.
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly
Numeracy	Interprets air pressure gauge settings and spray booth drying time.
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 AURVTP003 Prepare vehicle spray painting equipment for use.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for AURVTP103 Prepare vehicle spray painting equipment for use

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- prepare the following spray-painting equipment for at least 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

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to prepare vehicle spray painting equipment for use, including:
 - manufacturer's specifications or equivalent documentation
- workplace procedures required to prepare vehicle spray painting equipment for use including:
 - paint equipment set-up
 - establishing the serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures including:
 - examination of tools and equipment
 - storage of equipment

- identification, tagging and isolation of faulty equipment
- disposal of excess materials
- recycling procedures
- workplace health and safety (WHS) 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 relating to preparing vehicle spray painting equipment for use, including procedures for trapping, storing and disposing of waste materials
- types and uses 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
 - 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
- procedures for final inspection of vehicle spray painting equipment operation.

Assessment Conditions

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.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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