



Australian Government

AURVTP002 Mask vehicle panels and components

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 apply masking materials in preparation for vehicle and component refinishing. It involves preparing for the task, selecting and using tools and equipment, selecting masking materials appropriate to the vehicle or component, masking off surrounding panels and components before 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 to mask vehicle panels and components	1.1 Job requirements are determined from workplace instructions 1.2 Masking materials and methods are selected according to workplace instructions 1.3 Hazards associated with the work are identified and risks are managed

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.
	1.4 Masking <i>tools and equipment</i> and personal protective equipment (PPE) are identified and checked for serviceability 1.5 Work is planned to minimise waste and use time efficiently
2. Carry out masking activities	2.1 Vehicle surfaces and <i>components</i> that require masking are identified, cleaned or removed 2.2 Masking activities are carried out according to workplace procedures and <i>safety and environmental requirements</i> , and without causing damage to vehicle surfaces and components
3. Complete work processes	3.1 Final inspection is made to ensure work is to workplace expectations and component is presented ready for use 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected 3.3 Tools and equipment are checked 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:	use basic mathematical operations, including addition and subtraction, to calculate quantities of masking materials.
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 specialist masking tools 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:	- polyvinyl chloride (PVC) - door aperture and trim masking tapes - masking papers, mediums and templates.
<i>Methods</i> must include:	- reverse masking techniques - half-masking techniques - hard-line and soft-line edge masking techniques - masking for blend out - spraying.
<i>Tools and equipment</i> must include:	- cutting blades and scalpels - masking machines.
<i>Components</i> must include:	- in situ doors - mud guards - boot lids - bonnets - plastic components - glass sections.
<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 AURVTP2002 Carry out masking procedures

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 AURVTP002 Mask vehicle panels and components

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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:

- mask the following vehicle panels:
 - complete vehicle front end
 - complete vehicle rear end
 - complete vehicle side
- during above work, mask the following components in situ:
 - doors
 - mud guards
 - boot lid
 - bonnet
 - plastic components
 - glass sections.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to masking vehicle panels and components, 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
- types and use of masking materials, including:
 - polyvinyl chloride (PVC)

- door aperture and trim masking tapes
- masking papers, mediums and templates
- masking methods and techniques to reproduce original equipment manufacturer (OEM) paint aesthetics and finish, including operation of masking equipment
- procedures for protecting vehicle and components when masking vehicle panels
- procedures for final inspection of vehicle masking requirements.

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 masking work they have carried out on vehicles, 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
- workplace instructions
- PPE for masking processes
- masking materials
- vehicle parts specified in the performance evidence requiring masking
- tools, equipment and materials appropriate for masking vehicle panels and components.

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