



Australian Government

AURVTP005 Apply rust prevention and sound deadening materials to vehicle body 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 rust prevention and sound deadening materials to vehicle body components. It involves preparing for the task, selecting and using specialist application tools and equipment, selecting and applying materials according to manufacturer specifications and safety data 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 rust prevention and sound deadening materials	1.1 Job requirements are determined from workplace instructions 1.2 <i>Application information</i> is accessed and interpreted 1.3 <i>Materials</i> are calculated, 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 Tools and equipment, including personal protective equipment (PPE), are selected and checked for serviceability 1.6 Work is planned to identify rust prevention methods, minimise waste, and avoid damage to vehicle
2. Prepare surfaces	2.1 Surfaces are cleaned according to workplace procedures and <i>safety and environmental requirements</i> 2.2 Surfaces are prepared for material application process without causing damage to components or systems
3. Apply materials	3.1 Vehicle components requiring the application of rust prevention and sound deadening materials are identified and prepared 3.2 Materials are applied according to manufacturer specifications and recommended <i>application methods</i> 3.3 Special treatments or materials are dried using approved methods and equipment
4. Complete work processes	4.1 Final inspection is made to ensure work meets workplace expectations and vehicle components are 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.

Skills	Description
Numeracy skills to:	- use basic mathematical operations, including addition, subtraction, multiplication and division to, calculate surface area and material quantity - use measuring tapes.
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 rust prevention and sound deadening 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>Application information</i> must include:	- workplace procedures - manufacturer specifications - technical data sheets (TDS) - safety data sheets (SDS).
<i>Types of materials</i> must include:	- fish oil - wax compounds - joint and seam sealants - sheet, spray-on and brush-on sound deadening - mechanically fastened and adhesive bonded sound deadening pads.
<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 TDS for sound deadening materials - using SDS for fish oil, sealers and adhesives - handling and storing rust prevention and sound deadening materials - using tools and equipment - environmental requirements, including procedures for trapping, storing and disposing of waste materials.
<i>Application methods</i> must include:	- hand brushing - mixing - spraying

	• mechanical fastening.
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Unit Mapping Information

Equivalent to AURVTP2005 Apply rust prevention and sound deadening materials

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 AURVTP005 Apply rust prevention and sound deadening materials to vehicle body 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:

- apply five of the following rust prevention and sound deadening materials to different vehicle body components:
 - fish oil
 - wax compounds
 - spray-on sound deadening
 - brush-on sound deadening
 - adhesive bonded sound deadening pads
 - joint and seam sealants.

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 rust prevention and sound deadening materials to vehicle body components, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using technical data sheets (TDS) for sound deadening materials
 - using safety data sheets (SDS) for fish oil, sealers and adhesives
 - handling and storing rust prevention and sound deadening materials
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- sound deadening material manufacturer specifications

- types and uses of rust prevention and sound deadening materials
- rust prevention and sound deadening application methods and techniques
- types and uses of rust prevention and sound deadening equipment, including:
 - spray gun
 - heat gun
 - brush applicators
- procedures for protecting vehicle and components when applying rust protection and sound deadening materials
- procedures for final inspection of fitted sound deadening and rust prevention materials.

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 rust prevention and sound deadening materials they have applied to vehicle body components, 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
- TDS for sound deadening materials
- SDS for fish oil, sealers and adhesives
- PPE to apply rust prevention and sound deadening materials
- rust prevention and sound deadening materials
- vehicle body components requiring the application of rust prevention and sound deadening materials specified in the performance evidence
- tools, equipment and materials appropriate for applying rust prevention and sound deadening materials to vehicle body components.

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