



Australian Government

AURVTP020 De-nib, buff and polish vehicle painted surfaces

Release: 1

AURVTP020 De-nib, buff and polish vehicle painted surfaces

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to carry out final polishing activities on vehicle painted surfaces. It involves preparing for the task, selecting and using specialist tools and equipment, identifying paint defects, selecting buffing and polishing materials, de-nibbing, buffing and polishing surfaces, 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 carry out de-nibbing, buffing and polishing	1.1 Job requirements are determined from workplace instructions 1.2 Surface repair and finish materials are selected and inspected for quality 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 Hand and power tools, including personal protective equipment (PPE), are selected and checked for serviceability 1.5 Work is planned to identify methods for de-nibbing, buffing and polishing, minimise waste, and prevent damage to vehicle
2. Carry out de-nib, buff and polish activities	2.1 Paint contaminants are identified and removed using paint cleaning clay bars 2.2 De-nibbing is conducted to remove minor paint inclusions and paint defects 2.3 Hand and machine buffing and polishing are conducted according to workplace procedures and <i>safety and environmental requirements</i>
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and vehicle 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.
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 polishing 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:	• paint cleaning clay bars • compounds and polishes • polishing pads of wool and foam type • cleaning products.
<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 polishing materials • using tools and equipment • environmental requirements, including procedures for trapping, storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTP3020 Carry out denibbing, buffing and polishing

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 AURVTP020 De-nib, buff and polish vehicle painted surfaces

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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:

- de-nib, hand and machine buff, and polish the painted surfaces of three different vehicles.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to de-nibbing, buffing and polishing vehicle painted surfaces, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - handling and storing polishing materials
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- techniques for buffing, polishing and de-nibbing painted surfaces, including:
 - use of paint cleaning clay bars
 - use of de-nibbing and polishing materials
 - methods to reproduce original equipment manufacturer (OEM) and adjacent panel surface finish to pre-refinished condition
 - effect of silicones and silicone type polishes on refinishing quality
 - paint faults and rectification procedures
- types and correct use of de-nibbing, buffing and polishing equipment
- procedures for protecting vehicle and components when de-nibbing, buffing and polishing vehicle painted surfaces

- procedures for final inspection of de-nibbed, buffed and polished vehicle painted surfaces.

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 vehicle painted surfaces that they have de-nibbed, buffed and polished, 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 buff, polish and de-nib painted surfaces
- materials required to de-nib, buff and polish vehicle painted surfaces
- three different painted vehicles requiring de-nibbing, buffing and polishing
- tools, equipment and materials appropriate for de-nibbing, buffing and polishing vehicle painted surfaces.

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