



Australian Government

AURVTA005 Clean vehicles

Release: 1

AURVTA005 Clean vehicles

Modification History

Release	Comment
Release 1	New unit of competency

Application

This unit describes the performance outcomes required to clean a vehicle. It requires the learner to plan and prepare the task; clean the vehicle interior, exterior and engine bay; and maintain the work area, tools and equipment.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry.

The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Vehicle Body

Unit Sector

Technical

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 italicised text is used, further information is detailed in the range of conditions section
1. Prepare to clean vehicle	1.1 <i>Safety and environmental requirements</i> are sourced and interpreted 1.2 <i>Vehicle</i> to be worked on is identified and manufacturer specifications and workplace procedures for vehicle cleaning are

ELEMENTS	PERFORMANCE CRITERIA
	sourced and interpreted 1.3 Potential hazards and risks associated with task are identified and reported to workplace supervisor 1.4 Tools and equipment required for vehicle cleaning are identified according to manufacturer specifications
2. Clean vehicle interior and fittings	2.1 Tools, equipment and materials are selected and checked according to manufacturer specifications and workplace procedures 2.2 Vehicle is prepared prior to cleaning interior and fittings according to safety and environmental requirements 2.3 Interior surfaces are cleaned and vacuumed using correct cleaning materials and equipment, without causing damage to components, tools or equipment
3. Clean vehicle exterior and fittings	3.1 Tools, equipment and materials are selected and checked according to manufacturer specifications 3.2 Vehicle is prepared prior to cleaning exterior and fittings according to safety and environmental requirements 3.3 Vehicle exterior and fittings are cleaned using correct techniques and without causing damage to components, tools or equipment
4. Clean engine bay	4.1 Tools, equipment and materials are selected and checked according to manufacturer specifications and workplace procedures 4.2 Vehicle is prepared prior to cleaning engine bay according to safety and environmental requirements 4.3 Electronic components and electrical connections are protected from water ingress 4.4 Engine bay is cleaned without causing damage to components, tools or equipment
5. Complete work processes	5.1 Final inspection is made to ensure work is to workplace standards and vehicle is presented ready for use or storage according to workplace procedures 5.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored according to environmental requirements and workplace procedures 5.3 Tools and equipment are checked and stored according to workplace procedures, or tagged and reported where necessary 5.4 Problems with cleaning equipment or tools are reported according to workplace procedures 5.5 Workplace documentation is processed according to workplace

ELEMENTS	PERFORMANCE CRITERIA
	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
Reading skills to:	- select and interpret key information from manufacturer specifications, safety requirements and workplace procedures for cleaning a vehicle - select and interpret key information from environmental requirements and workplace procedures to ensure a clean and safe work site.
Writing skills to:	legibly and accurately fill out workplace documentation using correct industry terminology and conventions.
Oral communication skills to:	participate effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.
Numeracy skills to:	use basic mathematical operations, including addition, subtraction, multiplication and division, to calculate ratios and amounts of cleaning products.
Planning and organising skills to:	plan own work requirements and prioritise actions to complete the vehicle cleaning task.
Self-management skills to:	recognise own limitations when selecting and using tools and equipment and seek timely advice.
Problem-solving skills to:	- identify potential or actual hazards and take action to minimise risk - refer problems that cannot be readily resolved and seek assistance from workplace supervisor.
Technology skills to:	set up and operate equipment and tools required to clean a vehicle.

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>Safety and environmental requirements</i> must include:	- information about key aspects of work health and safety (WHS), occupational health and safety (OHS) and environmental requirements, including: - use of personal protective equipment, including safety glasses, ear protection, gloves and safety footwear - applying procedures for preventing waste water from entering storm water systems.
<i>Vehicle</i> must include one or more of the following:	- passenger motor vehicle - light commercial - heavy vehicle - motor cycle - constructed vehicle.
<i>Tools and equipment</i> must include:	- hoses and washing equipment - chemicals and cleaning solutions - polishing equipment.
<i>Interior surfaces</i> must include:	- cloth - glass - leather.

Unit Mapping Information

No equivalent unit.

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 AURVTA005 Clean vehicles

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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 and foundation skills:

- safely and correctly clean a minimum of two different vehicles.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- key aspects of work health and safety (WHS), occupational health and safety (OHS) and environmental requirements, including:
 - personal protective equipment, including safety glasses, gloves, ear protection and safety footwear
 - operation of equipment and tools, including pressurised hoses
 - safety data sheets (SDS) and types, use and location of cleaning products
 - procedures for preventing waste water from entering storm water system
 - disposal of chemicals, oil and rubbish
- identification and location of vehicle components, including:
 - engine bay
 - engine electrical components
 - interior and exterior fittings
- types of vehicle body finishes
- vehicle cleaning procedures, including:
 - types, application and use of vehicle cleaning areas and vehicle bays
 - types, application and use of cleaning equipment and materials
 - component protection procedures, including:
 - protection of engine bay air intake and electrical and electronic components
 - protection of body electrical components
 - vehicle interior, exterior, fitting and engine bay cleaning procedures
 - cloth and leather interior surfaces cleaning procedures

- chrome and polished alloy wheels cleaning procedures
- clean-up and maintenance requirements for vehicle cleaning area.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles that they have cleaned, e.g. job card.

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 workplace or simulated workplace
- personal protective equipment appropriate to the workplace
- a minimum of two different vehicles with cloth, glass and leather interior components, requiring cleaning
- vehicle cleaning tools, equipment and materials, including:
 - hoses and washing equipment
 - chemicals and cleaning solutions
 - polishing equipment
- vehicle cleaning area.

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