



Australian Government

AURVTP010 Prepare and operate vehicle paint drying equipment

Release: 1

AURVTP010 Prepare and operate vehicle paint drying equipment

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to prepare paint drying equipment. It involves preparing for the task, selecting and using specialist tools and equipment, setting, operating and maintaining paint drying equipment to manufacturer specifications, 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 for work	1.1 Job requirements are determined from workplace instructions 1.2 Workplace procedures and equipment manufacturer operating instructions for paint drying equipment are accessed and interpreted 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 <i>Paint drying equipment</i> , and personal protective equipment (PPE) are selected and inspected for serviceability 1.5 Work is planned to identify paint drying equipment operating methods, minimise waste, and prevent damage to vehicle
2. Set up paint drying equipment ready for operation	2.1 Paint drying equipment is prepared and set up according to manufacturer specifications, and is checked for correct operation 2.2 Vehicle protection materials are organised 2.3 Drying equipment is set and operated according to equipment manufacturer instructions, workplace procedures, and <i>safety and environmental requirements</i> 2.4 Paint drying equipment is regularly checked, cleaned and maintained according to manufacturer specifications
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and paint drying equipment 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.
Numeracy skills to:	interpret paint drying equipment temperature settings and drying times.

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 paint drying 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>Paint drying equipment</i> must include:	- spray booths - air movement systems - infra-red (IR) drying equipment - ultraviolet (UV) curing systems - heating and lighting systems.
<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 materials - using tools and equipment - environmental requirements, including procedures for trapping, storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTP3010 Prepare spray booths and paint drying equipment

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 AURVTP010 Prepare and operate vehicle paint drying equipment

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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:

- prepare, operate and maintain the following paint drying equipment while painting three different vehicles:
 - spray booth
 - air movement system
 - infra-red (IR) equipment
 - ultraviolet (UV) curing system.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to preparing and operating vehicle paint drying equipment, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - handling and storing materials
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- paint drying equipment manufacturer operating instructions, including procedures for the set-up and maintenance of equipment
- paint drying methods
- types and uses of paint drying equipment specified in the performance evidence
- procedures for final inspection and testing of paint drying equipment.

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 paint drying equipment that they have prepared and operated, 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 operating instructions
- PPE to prepare and operate spray booths and paint drying equipment
- materials required to prepare and maintain paint drying equipment
- three different vehicles to be painted
- spray booth and paint drying equipment for the three different vehicles
- tools, equipment and materials appropriate for preparing and operating vehicle paint drying equipment.

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