



Australian Government

Assessment Requirements for AURVTP125 Apply water-based refinishing materials to vehicle bodies and substrates

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- apply water-based refinishing materials on at least three different vehicle substrates, at least two of which must include a different vehicle body component from among the following:
 - vehicle panel
 - full vehicle side
 - vehicle front end or rear end.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to apply water-based refinishing materials to vehicle bodies and substrates, including:
 - paint manufacturer specifications
- workplace procedures required to apply water-based refinishing materials to vehicle bodies and substrates including:
 - establishing the serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures
- workplace health and safety (WHS) requirements relating to applying water-based refinishing materials to vehicle bodies and substrates, including procedures for:

- selecting and using personal protective equipment (PPE)
- using technical data sheets (TDS) and safety data sheets (SDS) for water-based paint
- handling and storing paint materials
- using tools and equipment
- using approved drying area
- environmental requirements relating to applying water-based refinishing materials to vehicle bodies and substrates, including procedures for trapping, storing and disposing of waste materials
- types and uses of refinishing materials, including:
 - water-based solid, metallic and pearl paint materials
 - water-based paint reducers and hardeners
 - cleaning materials
- types and application methods for automotive water-based refinishing materials, including correct use of positive air feed masks
- mixing and application techniques for water-based refinishing materials, including:
 - paint mixing techniques and systems
 - paint fault identification and rectification methods for water-based refinishing materials
- types and use of equipment used in water-based refinishing processes, including:
 - set-up and operation of paint mixing system
 - set-up, operation and maintenance of spray guns
 - paint drying equipment
- paint cleaning materials and equipment procedures for protecting vehicle and components when applying refinishing materials
- procedures for final inspection of applied water-based refinishing materials.

Assessment Conditions

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 having applied water-based refinishing materials to vehicle bodies and substrates, 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
- paint and vehicle manufacturer specifications
- paint codes

- TDS and SDS for water-based paint
- PPE, including positive air feed masks
- water-based refinishing materials
- three different vehicle substrates specified in the performance evidence requiring painting with water-based refinishing materials
- tools, equipment and materials appropriate for mixing and applying water-based refinishing materials to vehicle bodies and substrates.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>