



Australian Government

AURVTN134 Evaluate vehicle body repair materials, equipment and work processes

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

Application

This unit describes the skills and knowledge required to research and evaluate vehicle body repair materials, equipment and work processes, and to select those most appropriate for establishing a new body repair facility or updating an existing business. This unit requires knowledge of original equipment manufacturer (OEM) repair requirements and evolving industry technologies.

The unit applies to those working in the automotive body repair industry.

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

Unit Sector

Vehicle Body Technical - Body

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine process requirements	1.1 Identify requirements for body repair facility 1.2 Develop framework and rating system to facilitate comparisons of materials, equipment and processes 1.3 Identify and assess OEM repair requirements to establish comparisons and benchmarks to be used
2. Identify specifications for required body repair materials, equipment and work processes	2.1 Identify repair steps and work processes and produce flow charts 2.2 Identify material and equipment specifications to match repair processes 2.3 Consult staff and management to identify additional or altered

ELEMENTS	PERFORMANCE CRITERIA
	requirements 2.4 Identify materials, tooling and equipment requirements for body work undertaken in facility and document specifications 2.5 Identify work health and safety (WHS) requirements for safe facility and work practices 2.6 Compile and document required specification data
3. Evaluate materials, equipment and work processes against facility requirements	3.1 Identify and document material options against required quality, finish and conformity to OEM specifications and repair standards 3.2 Identify and document equipment options 3.3 Select materials and equipment based on facility work processes and comparisons of performance, cost and specifications compared to established rating system 3.4 Document outcomes and prepare report

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently.
Numeracy	Uses basic mathematical operations, including addition and subtraction, to calculate material and data specifications.
Oral communication	Clarifies instructions and procedures.
Planning and organising	Identifies and evaluates material, equipment and work process options.
Technology	Uses the full scope of available workplace technology relating to body work materials and equipment for analysis and evaluation.

Unit Mapping Information

Supersedes and is equivalent to AURVTN034 Evaluate vehicle body repair materials, equipment and work processes.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for AURVTN134 Evaluate vehicle body repair materials, equipment and work processes

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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:

- locate, interpret, evaluate and select materials, equipment and processes suitable for establishing or updating one automotive body repair facility, which must involve consultation with staff
- provide a report on above research, which includes an analysis of:
 - required and available materials and equipment with respect to facility work processes, specifications and standards
 - innovations applying to required materials and equipment
 - equipment capabilities and availability
 - cost-benefit analysis of materials, equipment and processes
 - impact of selected materials, equipment and processes on the environment and workplace safety.

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 evaluate vehicle body repair materials, equipment and work processes, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to evaluate vehicle body repair materials, equipment and work processes, including:
 - establishing 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
- industry sector developments and trends in bodywork repair materials and equipment
- workplace policies and plans, including forecast systems and products
- body repair processes from original equipment manufacturer (OEM) or authorised agency's specifications
- materials, equipment and processes, including:
 - personal protective equipment (PPE) requirements
 - equipment capabilities
 - costings.

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 tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicle body repair materials, equipment and work processes that they have evaluated, e.g. cost-benefit analysis.

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 or simulated workplace
- bodywork technology information
- tools, equipment and materials appropriate for evaluating vehicle body repair materials, equipment and work processes.

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

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