



Australian Government

AUMATP002 Control vehicle paint line production

Release: 1

AUMATP002 Control vehicle paint line production

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATP3002 Control paint line production processes

Application

This unit describes the performance outcomes required to control a paint line in a vehicle production process and avoid vehicle painting inconsistencies.

It applies to those in an automotive manufacturing environment and involves the application of skills and knowledge at a specialist level.

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

Competency Field

Common

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 italicised text is used, further information is detailed in the range of conditions section
1. Plan and prepare	1.1 <i>Workplace procedures</i> are identified and followed 1.2 Work instructions, production reports and quality standards are confirmed with appropriate personnel 1.3 Tools and equipment are selected, checked for serviceability, and faults are rectified or reported 1.4 Appropriate materials are identified, obtained and prepared
2. Assess paint line flow	2.1 Paint is regularly checked for batch accuracy, consistency and

Elements	Performance Criteria
	viscosity prior to adding it to the paint production line 2.2 Paint lines are checked for faults and inconsistencies 2.3 Paint supply and production requirements are monitored to ensure required colour transition 2.4 Paint line is monitored for faults and maintained as required according to workplace procedures
3. Rectify problems	3.1 Production line problems are assessed and cause of any problems is identified 3.2 Cause of problems is analysed and rectified 3.3 Paint line problems are addressed to ensure correct operation
4. Complete work processes	4.1 Work area is cleaned, and materials disposed of or recycled according to workplace requirements 4.2 Paint line tools and equipment are cleaned, maintained and stored according to workplace procedures 4.3 Workplace documentation outlining nature of problem, work conducted and outcome is completed according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skills	Description
Reading skills to:	- identify work health and safety (WHS) requirements and workplace procedures relating to paint line production - interpret work instructions and production needs - interpret vehicle inspection reports and vehicle specifications.
Writing skills to:	- legibly enter data associated with production process - complete production line documentation - record paint and material quantities.
Numeracy skills to:	- measure paint quantities - identify paint code and required material quantities.
Digital literacy skills to:	use paint line production and computer systems.
Initiative skills to:	adapt to changing paint line production needs.
Planning and organising skills to:	- arrange paint line colour change requirements - prepare paint materials and work area

	interpret and apply paint line production information, workplace instructions and workplace procedures.
Problem-solving skills to:	resolve paint line problems in order to meet performance outcomes.

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>Workplace procedures</i> must include:	- paint line system operation - quality and continuous improvement processes and standards - recording and reporting of paint line outcome - use of equipment - WHS requirements relating to paint line production process.
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Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

Assessment Requirements for AUMATP002 Control vehicle paint line production

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Performance Evidence

Before competency can be determined, individuals must have competently operated and monitored a paint line production process on a minimum of three occasions.

Individuals must demonstrate they can:

- locate, interpret and apply paint line information, quality standards and paint specifications
- comply with work health and safety (WHS) requirements relating to controlling vehicle paint line production
- follow workplace procedures relating to controlling vehicle paint line production
- use paint production line tools and equipment safely
- communicate paint line requirements to co-workers
- complete a paint line assessment, including entry of a new batch of same colour paint and changeover to a new colour
- rectify paint line faults
- complete paint line job sheets and reports relating to vehicle paint line production.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements to operate a production paint line
- production line quality standards
- vehicle painting techniques
- automotive refinishing terminology
- paint line tools and equipment
- paint viscosity
- paint line systems and control techniques
- processes for calculating paint material
- location of paint safety data sheets (SDS)
- paint codes and vehicle specifications

- procedures for material handling, storage and waste management.

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 worked on, 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 manufacturing workplace or simulated workplace
- vehicles or components that require painting
- paint measuring equipment
- primers, paint and clear coats
- vehicle paint codes and specifications
- workplace procedures to operate a production paint line
- work instructions relating to controlling vehicle paint line production
- spray painting tools and equipment
- approved spray painting booths
- work sheets, SDS and production paint line documents.

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