AUMFBM001 Prepare and process automotive materials and components

Release: 1

AUMFBM001 Prepare and process automotive materials and components

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMFBM2001 Prepare and process materials and components

Application

This unit describes the performance outcomes required to prepare and process automotive materials and components for production.

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

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

Competency Field

Manufacturing - Passenger Vehicle

Unit Sector

Support and Logistics - Manufacture

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 for work	1.1 *Work instructions* and job requirements are identified and confirmed 1.2 Materials and components are identified and selected
2. Prepare and inspect materials and components	2.1 Materials and components are *visually inspected* to ensure specifications and quality standards are met 2.2 Defective materials and components are identified, tagged

Elements	Performance Criteria
	and isolated according to workplace procedures
	2.3 Materials are prepared, loaded, lined up and secured according to work instructions and ***workplace procedures***
3. Process materials and components	3.1 Materials and components are processed according to workplace instructions, procedures and work health and safety (WHS) requirements using recommended production sequences and tools and equipment
	3.2 Quality control methods and measures are identified and applied
	3.3 Materials and components are finished to workplace quality standards and specifications
	3.4 Work sheets and production documents are 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:	• interpret workplace instructions, WHS requirements and workplace procedures.
Writing skills to:	• complete production schedules and quality control forms • complete work sheets and workplace documents.
Oral communication skills to:	• refer production problems to team leader or supervisor • speak clearly and directly in team meetings.
Numeracy skills to:	• match part numbers to work instructions and bill of materials • identify lengths, weights and specification measurements • measure materials and components to determine compliance with job specification.
Digital literacy skills to:	• use workplace computer production systems.
Initiative skills to:	• adapt to changing work conditions.

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.

Work instructions must include:	• operator instruction sheets (OIS) or workplace equivalent • preventative maintenance checklists • process control plans (PCPs) or workplace equivalent • standard operating procedures (SOPs) or workplace equivalent • workplace procedures.
Visually inspected must include:	• identifying manufacturing and production defects • matching part numbers, bin and batch numbers • specifications, shape and tolerances.
Workplace procedures must include:	• production sequence • quality control methods and measures • WHS requirements • workplace quality standards.

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

PwC's Skills for Australia