Australian Government

AUMFTA007 Evaluate vehicle design, development and production information

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMFTA5007 Seek, evaluate, organise and prepare information

Application

This unit describes the performance outcomes required to gather, assess, record and store relevant information to assist in decision making in the course of the design, development and production of motor vehicles.

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

Manufacturing - Passenger Vehicle

Unit Sector

Technical

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. Obtain information	1.1 *Workplace instructions,* production plans, processes and materials are identified to complete tasks 1.2 Sources of information are regularly reviewed for usefulness and reliability 1.3 Information is updated, and relevant factors and problems that

Elements	Performance Criteria
	could affect decision making in area of responsibility are considered
2. Evaluate information	2.1 Information is assessed for its validity and reliability
	2.2 Information is organised into a suitable form to assist decision making
	2.3 Opportunities to establish and maintain contacts with those who may provide useful information are considered
	2.4 Conclusions drawn from relevant information are based on reasoned argument and appropriate evidence
3. Record and store information	3.1 Effective methods of recording and storing information are researched and identified
	3.2 Information is recorded and stored for easy retrieval using accepted formats, systems and 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 information on customer needs, competitor products, workplace objectives, fashion trends, safety needs and relevant legislative requirements • interpret the outcomes of feasibility evaluations and trials.
Writing skills to:	• document new design requirements, concept restraints, trials, tests and modification outcomes, and the final new product design.
Oral communication skills to:	• discuss design concept with appropriate personnel • discuss and evaluate concept sketches by consulting with engineering, marketing and other appropriate personnel • evaluate manufacturing methods by consulting with engineering, marketing and other appropriate personnel.
Numeracy skills to:	• estimate required materials, components and related costs by consulting with engineering, marketing and other appropriate personnel • calculate critical dimensions and interpret data.
Teamwork skills to:	• work with a wide range of people while reviewing and evaluating design and development processes.

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.

Workplace instructions must include:	- job sheets, plans, specifications, drawings and designs - workplace procedures and manufacturer instructions.

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

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