UEECO0020 Contribute to the development of a product/application/service

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to contribute to the development of a product/application/service.

It includes assisting to plan, coordinate and report on the development of a product/application/service.

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

Pre-requisite Unit

Not applicable

Competency Field

Commercial

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Contribute to the design brief for a product/application/service	1.1 Technical specifications, regulatory, industrial, intellectual property and market requirements of the product/application/service to be developed are negotiated and agreed with client/s, stakeholder/s and management

		1.2	Technical specifications, regulatory, industrial, intellectual property and market requirements of product/application/service to be developed are confirmed in accordance with workplace procedures
		1.3	Resource/s, personnel, equipment and materials required to develop product/application/service are confirmed in accordance with workplace procedures
		1.4	Quality requirements and standards for development of the product/application/service are confirmed in accordance with workplace procedures
		1.5	Design brief contributions for the product/application/service is developed within a team environment
		1.6	Approval is obtained for design brief from relevant person/s
2	**Prepare to develop a product/application/service**	2.1	Required outcomes identified in design brief are confirmed with relevant person/s
		2.2	Product/application/service is developed in consultation with relevant production personnel
		2.3	Development procedure is formulated to meet quality outcomes and manufacturer instructions for tooling, process, materials and equipment in accordance with work health and safety (WHS)/occupational health and safety (OHS) requirements and relevant industry standards
		2.4	Approval is obtained of development procedure from relevant person/s
3	**Contribute to the development of product/application/service**	3.1	Development procedure is confirmed with relevant person/s
		3.2	Product/application/service product is developed in accordance with design brief and development procedures
		3.3	Development results are recorded in accordance with workplace procedures

	3.4	Development results and characteristics outside of design and development specifications are identified
	3.5	Changes are recommended, as required, to achieve product/application/service quality and production requirements
	3.6	Approval of change is obtained from relevant person/s
	3.7	Revision of the product/application/service to achieve quality and production requirements is coordinated, as required
4 Document and report development outcomes	4.1	Product/application/service development objectives are met
	4.2	Product/application/service development reporting requirements are completed in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEER003B Contribute to the development of a product/application/ service.

Links

Companion Volume implementation guides are found in VETNet - - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6