Australian Government

CPPACC5003 Apply anthropometric principles to accessible building design and fitout

Release: 1

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Modification History

Release 1 This unit first released with CPP Property Services Training Package Release 14.0.

Supersedes and is equivalent to CPPACC5003A Apply anthropometric principles to accessible building design and fitout.

Unit updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to apply concepts associated with human body size and shape to the design and fitout of the environment in which people live and work. It includes using basic statistical techniques, anthropometric data and analysis, and measuring components of body size and shape to identify strategies that will maximise the ability of persons with disability to work and function independently in their environment.

This unit is for individuals who are self-directed and have substantial depth of knowledge and skills to make independent judgements in the provision of access consulting services.

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

Pre-requisite Unit

Nil.

Unit Sector

Access Consulting.

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1 Determine spread of body dimensions within a defined population.	1.1 Accurately identify key anatomical features of the human body and apply to work activities.
	1.2 Use appropriate methodology to measure key anatomical features to determine spread of body dimensions within a

		defined population.
	1.3	Record anthropometric data in a format suitable for retrieval and statistical analysis according to workplace requirements.
2 Analyse anthropometric data from a defined population to determine statistical variations involved.	2.1	Apply basic statistical analysis to anthropometric data to determine population variance.
	2.2	Report statistical parameters derived by appropriate analysis according to workplace requirements.
	2.3	Document analysis findings using recognised statistical formats according to workplace requirements.
3 Compare anthropometric data in architectural design documents with data derived through measurement of a defined population.	3.1	Source anthropometric data used in published architectural design documents.
	3.2	Compare and verify published architectural design data against recent anthropometric data derived through measurement of a defined population.
	3.3	Analyse anthropometric data that proves different to published architectural design data to assess the extent and possible causes of differences, and likely consequences of altering published architectural design data.
4 Identify and report critical anthropometric features impacting the ability of a person with disability to work and function independently.	4.1	Consult with client to determine level of functioning of person with disability.
	4.2	Consult with client and use appropriate anthropometric methodology to identify anthropometric features relevant to the person with disability and their ability to work and function independently.
	4.3	Recognise situations requiring specialist advice and seek assistance as required to meet client requirements.
	4.4	Identify appropriate strategies for design and fitout that will maximise the ability of the person with disability to work and function independently.
	4.5	Report outcomes to relevant persons according to client

and workplace requirements.

Foundation Skills

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

Unit Mapping Information

Supersedes and is equivalent to CPPACC5003A Apply anthropometric principles to accessible building design and fitout.

Links

Companion volumes to this training package are available at the VETNet website - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b