



Australian Government

Assessment Requirements for AUMAKM002 Produce computer-aided drawings

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMAKM5002 Produce computer-aided drawings

Performance Evidence

Before competency can be determined, individuals must have competently produced computer-aided drafting (CAD) drawings on a minimum of three occasions.

Individuals must demonstrate they can:

- communicate clearly and directly in order to review preliminary sketches with appropriate personnel
- gather object parameters and measurements in a team environment
- solve problems, particularly in teams, in order to meet performance indicators
- apply workplace procedures and instructions
- produce CAD drawings of vehicle or components
- manage time when planning and preparing CAD drawings
- organise work priorities relating to CAD drawing requirements.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- workplace procedures relating to using CAD
- CAD techniques
- CAD drawing standards
- job specifications and work plans relating to CAD drawing requirements
- processes to set up required CAD packages
- processes to gather object parameters and measurements for CAD drawings
- processes to prepare CAD drawings
- processes to plot CAD drawings.

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 CAD drawings they have worked on.

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
- workplace procedures relating to CAD
- CAD system and program
- CAD software instructions
- job specifications relating to CAD.

Links

Companion Volume implementation guides are found in VETNet -

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

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