



Australian Government

Assessment Requirements for AURTTA015 Produce engineering drawings for vehicle components

Release: 1

Assessment Requirements for AURTTA015 Produce engineering drawings for vehicle components

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- produce engineering drawings covering the manufacture or modification of three different vehicle components using hand and computer-aided drawing (CAD) equipment.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- engineering drawing techniques and procedures, including:
 - hand drawing
 - computer-aided drawing
- engineering drawing terminology, symbols, codes, legends and diagrammatic representations
- quality standards for producing, maintaining and storing engineering drawings
- procedures for recording, reporting and maintaining engineering plans, workplace records and information.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the engineering drawings of vehicle components that they have produced, e.g. repair orders.

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 workplace or simulated workplace
- work instructions, including drawing specifications and dimensions
- material relevant to the production of engineering drawings
- drawing tools and CAD equipment appropriate for producing engineering drawings of vehicle components.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>