



Australian Government

**Assessment Requirements for AURATA002
Read, interpret and apply engineering
drawings**

Release: 1

Assessment Requirements for AURATA002 Read, interpret and apply engineering drawings

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 standard defined in the unit's elements and performance criteria and foundation skills:

- interpret and apply engineering drawings when fabricating or modifying three different vehicles, vessels or machinery.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- terminology, symbols, codes, legends and diagrammatic representations used in automotive engineering drawings
- requirements of quality standards relating to drawings, including relevant Australian Design Rules (ADRs)
- procedures for amending and maintaining version control status for engineering drawings, particularly as they apply to vehicle or equipment fabrication, modification and repairs
- quality standards applicable to maintaining vehicle or equipment engineering drawings and service information
- procedures for reporting work outcomes and maintaining 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 having read and interpreted engineering drawings when carrying out fabrication, modification or repairs, 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 repair workplace or simulated workplace
- engineering drawings and work task specifications relating to three different vehicles, vessels or machinery
- engineering drawing standards, including:
 - codes
 - symbols
 - legends
 - measurements
- ADRs.

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>