



Australian Government

**Assessment Requirements for
AUMGTM005 Read and interpret
engineering drawings and determine
requirements**

AUMGT M005 Read and interpret engineering drawings and determine requirements

Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGT M3005 Read and interpret engineering drawings and job specifications
Release 2	Updated for clarity and policy adherence

Performance Evidence

Before competency can be determined, individuals must have competently read and interpreted engineering drawings and job specifications on a minimum of two occasions.

Individuals must demonstrate they can:

- identify job requirements from engineering drawings
- identify and select appropriate production processes and material requirements according to engineering drawings, workplace procedures and work health and safety (WHS) requirements
- determine production timelines
- produce production work orders.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- workplace procedures relating to reading and interpreting engineering drawings
- types, applications and layout of engineering drawings, including:
 - codes
 - symbols
 - legends
 - diagrams
- procedures for determining materials, production processes and production timelines from engineering drawings and job specifications
- procedures for preparing production work orders.

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 engineering drawings and job specifications that they have interpreted, e.g. production work 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:

- manufacturing workplace or simulated workplace
- engineering drawings and job specifications
- equipment and material necessary to produce production work orders.
-

Links

Companion Volume Implementation Guides are found in VETNet -

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