



Australian Government

Assessment Requirements for MSTGN3025

Draw 3D designs

Release: 1

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Modification History

Release 1. Unit Code and Application changed. Very minor title change to remove hyphen. Elements and Performance Criteria simplified with Element 1 removed. Foundation Skills field populated. Range of Conditions removed with relevant information moved to other areas of unit. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is equivalent to MSTGN3006 Draw 3-D designs.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- create and present an accurate 3D drawing of at least three different products, incorporating front, back and profile views.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- sources of information that inform drawing requirements
- how to interpret different product parts and features
- drawing tools and equipment, including:
 - use of drawing templates for different types of TCF product drawings
 - presentation materials, tools and equipment
- rendering techniques, including:
 - solid colour
 - wash
 - felt pens
 - gouache
 - pen and ink
 - pencil
 - shading
- visual presentation methods for drawings, including:
 - mounting
 - display of different angles of product
 - production notes
 - electronic methods
- traditional and non-traditional materials
- quality criteria for completed drawings

- recording and reporting practices.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - design information on which drawings are based
 - drawing tools and equipment (manual or digital).

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet –

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>