# Assessment Requirements for MSTGN3006 Draw 3-D designs

**Release: 1**

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## Modification History

Release 1. Supersedes and is equivalent to LMTGN3008A Draw 3D designs

## Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- interpreting design based on workplace procedures and input from client, designer, producer or a record of an existing product
- using drawing tools and equipment to illustrate designs
- drawing an accurate 3-D drawing of a design product using templates, where required, and showing relevant wearing or placement angles
- seeking and applying feedback from client
- rendering finalised drawing by hand or computer to create 3-D design, including front, back and profile views of the product
- applying quality criteria in the completion of the drawing
- presenting final drawings that accurately represent designs for at least three (3) different products using visual presentation techniques
- maintaining accurate records
- applying workplace procedures.

## Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- parts of and terminology of the product
- drawing tools and equipment, such as:
    - HB lead pencil
    - eraser
    - pencil sharpener
    - black felt tip pens (02, 04 and 06)
    - A3 layout pad
    - computer and software
- drawing templates, such as:
    - variety of different face or body shapes, necks and shoulders

- variety of body or head profiles
- facial features (eyes, eyebrows, nose, mouth and ears)
- hair styles and colouring
- women, men or children
- product styles
- presentation materials, tools and equipment, such as:
  - mounting board
  - frames
  - backings
  - electronic
  - cutting tools
  - adhesives
  - cover sheet to protect illustration (e.g. plastic sleeves and drawing paper)
- rendering techniques, such as:
  - solid colour
  - wash
  - felt pens
  - gouache
  - pen and ink
  - pencil
  - shading
- industry standards
- visual presentation, such as:
  - mounting
  - display of different angles of product
  - production notes
  - electronic methods
- enterprise requirements
- traditional and non-traditional materials quality concepts
- quality criteria:
  - proportion
  - perspective
  - detailing
  - neatness
  - accuracy
  - the media to be used
  - rendering
  - size of the drawing
- workplace procedures
- recording and reporting practices.

# Assessment Conditions

- Assessors must:
  - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
  - have vocational competency in drawing 3-D designs, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.
- The unit is applicable to all TCF sectors and assessment must ensure it is delivered to suit the industry it is being applied to.

# Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e