



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **LMTFD3004B Draw a trade drawing for fashion design**

**Revision Number: 1**

## LMTFD3004B Draw a trade drawing for fashion design

### Modification History

Not applicable.

### Unit Descriptor

**Unit descriptor** This unit covers the skills and knowledge to draw an accurate trade or technical drawing based on specifications and a design.

### Application of the Unit

**Application of the Unit** The unit applies to the pattern making or design room, where accurate trade or technical drawings are required to interpret and clarify a garment design.

Work is supervised may be conducted in small to large scale enterprises and may involve individual and team-related activities.

The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include:

- requirements prescribed by legislation, awards agreements and conditions of employment
- standard operating procedures
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control, and recycling

This unit requires skills in planning and organising, problem solving and communication to interpret specifications and produce trade drawings. Self management skills are required to ensure drawing meets quality standards.

## **Licensing/Regulatory Information**

Not applicable.

## **Pre-Requisites**

**Prerequisites**

## **Employability Skills Information**

**Employability Skills** This unit contains employability skills.

## **Elements and Performance Criteria Pre-Content**

Not applicable.

## Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Prepare <i>drawing tools and equipment</i>	1.1 Drawing tools and equipment are selected. 1.2 Drawing tools and equipment are prepared for use.
2 Prepare workstation	2.1 Workbench and seating are set up according to <i>OHS practices</i> . 2.2 Tools and equipment are set out to facilitate effective work practice.
3 Interpret design brief or specifications	3.1 <i>Trade drawing</i> requirements are investigated and identified from Criteria are design brief. 3.2 Specifications are identified and followed as required. 3.3 Style of <i>garment</i> is identified. 3.4 <i>Garment features</i> required to complete trade drawing are identified. 3.5 <i>Detailing and special effects</i> are identified for use on trade drawing.
4 Use template to produce trade drawing	4.1 <i>Quality criteria</i> are used in trade drawing. 4.2 <i>Template</i> to draw trade drawing is selected. 4.3 <i>Lines</i> are drawn accurately to complete drawing, using a ruler where necessary. 4.4 Working drawing is produced to correctly represent a pattern piece or garment. 4.5 Relevant parts of drawing are identified and labelled.
5 Complete work	5.1 Trade drawing is inspected against quality standards. 5.2 Any changes or adjustments to trade drawing are carried out as required. 5.3 Documentation relating to trade drawing is completed and stored.

## Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Demonstrates knowledge of:

- pattern making and design terminology
- style features
- fabric performance characteristics
- quality standards
- sequence of operations
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- ability to draw lines freehand to create shapes
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- communicate within the workplace
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

## Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

<b>Critical aspects of evidence</b>	<p>Demonstrates skills and knowledge to:</p> <ul style="list-style-type: none"><li>• prepare workstation before commencing drawing</li><li>• use appropriate tools and equipment to produce working drawing</li><li>• applying all quality criteria, such as dimension and neatness, in the completion of the working drawing</li><li>• conveying all necessary instructions/information by the appropriate use of notes on the drawing</li><li>• apply OHS practices in work operations</li><li>• maintain accurate records</li><li>• accurately draw trade drawings of a range of garments as detailed in the design brief or specifications</li><li>• accurately label drawings with appropriate notes relating to construction and design features</li><li>• demonstrate trade drawings in proportion and technically correct, with all details, including front and back view, shown</li></ul>
<b>Consistency in performance</b>	<p>Consistently applies skills and knowledge when:</p> <ul style="list-style-type: none"><li>• organising work</li><li>• completing tasks</li><li>• identifying improvements</li><li>• using workplace practices</li><li>• using OHS practices</li><li>• recording and reporting accidents and incidents</li><li>• assessing operational readiness of equipment used and work processes</li><li>• recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions</li><li>• completing work systematically with attention to detail without damage to goods and equipment</li></ul>
<b>Resource implications</b>	<p>Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.</p>
<b>Context for assessment</b>	<p>Assessment may occur on the job or in an appropriately simulated environment.</p>
<b>Interdependent</b>	<p>This unit may be assessed independently or in combination with other</p>

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

**assessment** relevant units.

## Range Statement

### RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.

Drawing tools and equipment include:

- paper
- layout pad
- pencils - mechanical may be used - various grades
- pencil sharpener
- kneadable eraser
- ruler
- black felt tip pens
- portfolios
- templates

OHS practices OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit and may include:

- manual handling techniques
- standard operating procedures
- personal protective equipment
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other OHS practices relevant to the job and enterprise

Garments may include:

- skirts
- trousers/pants
- shirts/blouses
- dresses
- coats
- lingerie

Garment features may include:

- fitting and seam lines
- style lines



- yokes, gores and panels
  - necklines
  - sleeves
  - collars
  - zips and buttons
  - pockets
  - waistbands
- Details and special effects may include:
- top stitching and edge stitching
  - pin tucks and tucks
  - frills and gathers
  - pleats
  - drapes
  - fabric effects - lace, fur, knitwear
  - bows and ties
  - quilting
  - elastication
- Trade drawings are:
- also known as working drawings
  - accurate analytical drawings of garments that are detailed to show how the garment is constructed and finished
  - are used by designers and patternmakers to inform production - part of specification sheets
- Quality criteria includes:
- proportion
  - perspective
  - symmetry and balance
  - fabric performance
  - detailing
  - neatness
- Templates may include:
- front and back full body view - ladies, men's and children's
  - upper torso/lower torso
  - swimwear/lingerie
  - full body with arms and legs extended from torso
  - 3/4 turned
- Lines may include:
- straight, angled, curved, pointed, dotted, dashed and circled

## Unit Sector(s)

**Sector** Fashion Design and Technology