



Australian Government

MSTFD3004 Draw a trade drawing for fashion design

Release: 1

MSTFD3004 Draw a trade drawing for fashion design

Modification History

Release 1. Supersedes and is equivalent to LMTFD3004B Draw a trade drawing for fashion design

Application

This unit of competency covers the skills and knowledge required to draw an accurate trade or technical drawing based on specifications and a design.

The unit of competency applies to the patternmaking or design room, where accurate trade or technical drawings are required to interpret and clarify a garment design.

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

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Fashion design and technology

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions

2	Prepare to produce a trade drawing	2.1	Identify all garment characteristics, components and specifications
		2.2	Select and prepare drawing tools, equipment and workstation
		2.3	Select appropriate templates to prepare trade drawing
3	Produce a trade drawing	3.1	Use quality criteria to create a working drawing that correctly represents a pattern piece or garment
		3.2	Draw lines accurately to represent garment specifications
		3.3	Identify and label relevant parts of drawing and include notes relating to construction and design features
4	Check and complete work	4.1	Assess trade drawing against design specifications and quality criteria
		4.2	Make changes or adjustments to trade drawing, as required
		4.3	Complete and store documentation relating to trade drawing

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures

- requirements prescribed by legislation, awards,

include one or more of the following:

- agreements and conditions of employment
- SOPs
- work instructions
- PPE
- 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
- WHS requirements

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Garments include one or more of the following:

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

Garment features include one or more of the following:

- fitting and seam lines
- style lines
- yokes, gores and panels
- necklines
- sleeves
- collars
- zips and buttons
- pockets
- waistbands

Details and special effects include one or more of the following:

- top stitching and edge stitching
- pin tucks and tucks
- frills and gathers
- pleats
- drapes
- fabric effects (lace, fur and knitwear)
- bows and ties

- quilting
- elastication

Templates for trade drawings include one or more of the following:

- 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
- $\frac{3}{4}$ turned

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD3004B Draw a trade drawing for fashion design

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSTFD3004 Draw a trade drawing for fashion design

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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:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- applying relevant standards
- using appropriate tools and equipment to produce working drawings
- using templates to produce drawings that are in proportion and technically correct, showing all details, including front and back view, and incorporating all quality criteria
- completing accurate trade drawings of at least two (2) garments that meet all requirements of the design brief or specification
- drawing lines accurately to represent garment specifications
- identifying and labelling relevant parts of drawing, and including notes relating to construction and design features
- maintaining accurate records.

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
- drawing tools and equipment:
 - paper
 - layout pad
 - pencils, various grades
 - pencil sharpener
 - kneadable eraser
 - ruler
 - black felt tip pens
 - portfolios
 - templates
 - computer with drawing software
- patternmaking and design terminology

- fabric performance characteristics
- garment styles, features, special effects and detailing options
- quality criteria for trade drawings:
 - proportion
 - perspective
 - symmetry and balance
 - fabric performance
 - detailing
 - neatness
- sequence of operations
- lines to represent garment specifications:
 - straight
 - angled
 - curved
 - pointed
 - dotted
 - dashed
 - circled
- 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 technical or trade drawing for fashion design 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.

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