



Australian Government

MSTFD4013 Grade 2-D patterns

Release: 1

MSTFD4013 Grade 2-D patterns

Modification History

Release 1. Supersedes and is equivalent to LMTFD4013B Grade 2D patterns

Application

This unit of competency covers the skills and knowledge to grade flat or 2-D patterns used for garment production.

The unit of competency applies to production of a basic style garment where discretion and judgement may be required in planning and selecting processes, procedures or outcomes.

Work may be conducted in small to large scale enterprises and 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

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| 2 | Prepare to grade patterns | <ul style="list-style-type: none">2.1 Select and prepare workstation and/or equipment according to WHS practices2.2 Identify grading system used in workplace2.3 Identify measurements of base size and subsequent spread2.4 Calculate number of sizes in grading and establish grade increments between sizes2.5 Set up base pattern of a basic style2.6 Identify style and fabric characteristics which influence grading and check queries with patternmaker2.7 Select appropriate grade plan and construct grade rule table |
| 3 | Grade pattern | <ul style="list-style-type: none">3.1 Determine stacking or outlay requirements, including direction3.2 Grade pattern manually using patternmaking technical skills or by computer3.3 Identify stack points or lines if stacking is used3.4 Preserve integrity of pattern attributes during grading3.5 Accurately label all pattern pieces with pattern marking symbols3.6 Check pattern for accuracy and rectify or address faults as required |
| 4 | Finalise grading | <ul style="list-style-type: none">4.1 Maintain records and complete documentation, as required4.2 File patterns |

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 include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- 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
- WHS practices

Australian Standards include:

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

Grading system includes the following:

- flat, 2-D patterns
- position of constant or stack point

Basic styles of garments include two or more of the following:

- A-line skirt
- straight skirt
- t-shirt
- shirt
- pants
- shorts (elastic waisted)
- blouses
- lingerie

Set up base pattern

- identifying base pattern and pattern pieces

includes the following:

- establishing constant or '0' position
- assigning grade points with corresponding values
- checking base size pattern for correct information, balance points and pattern fit
- seeking clarification, as required

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD4013B Grade 2D patterns

Links

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