



Australian Government

MSTAT4018 Use colourisation techniques on fabrics

Release: 1

MSTAT4018 Use colourisation techniques on fabrics

Modification History

Release 1. Unit Code and Application changed. Prerequisite units removed. Elements and Performance Criteria simplified with content combined into two elements. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTFD4019 Use colourisation techniques on fabrics.

Application

This unit describes the skills and knowledge required to use fabric colourisation techniques such as dyeing or printing to create new finishes for design effects.

This unit applies to individuals working in design and production roles.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Apparel and Textile Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Identify fabric colourisation requirements	1.1 Determine scope of colourisation needs from design information 1.2 Identify and select suitable fabric colourisation techniques and effects based on design specifications and nature of fabric 1.3 Identify and assess techniques that support enhanced fabric sustainability
2. Use colourisation techniques	2.1 Identify and follow work health and safety requirements for colourisation process 2.2 Use colourisation techniques safely on fabrics 2.3 Modify and experiment with techniques based on design

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	requirements 2.4 Assess colourisation outcomes and modify techniques and/or fabrics to achieve desired result 2.5 Record processes and outcomes for future reference and use

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret design information and fabric information resources
- Writing skills to record factual information
- Numeracy skills to measure quantities of consumables used in the colourisation process.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Supersedes and is not equivalent to MSTFD4019 Use colourisation techniques on fabrics.

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 MSTAT4018 Use colourisation techniques on fabrics

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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:

- use colourisation techniques to achieve required outcomes with work to collectively involve the following in any combination:
 - use of at least three different techniques
 - colourisation of at least three different fabrics.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key information about knitted, woven and non-woven fabrics, including:
 - uses and performance characteristics
 - effects of colourisation
 - information resources
- uses of colour to create design features and details, including:
 - dyeing fabrics to match
 - layer-print applications
 - mixing unique colour combinations
 - subtracting colour to create print design
 - emphasising texture and patterns
- closed loop processes and their benefits
- colourisation techniques and associated safety requirements, including:
 - dyeing (shibori and resist (batik))
 - printing (block, silk screen, transfer, roller and stencilling)
- effects of colourisation on the designed product
- types of process and outcome information to be recorded for future reference and use.

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
 - fabrics for colourisation
 - colourisation printing equipment and consumables.

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

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