



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD4019B Use colourisation techniques on fabrics

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to use fabric colourisation techniques to create new finishes for design effects.

Application of the Unit

Application of the Unit

The unit applies to the use of a variety of colourisation techniques such as dyeing or printing on a range of fabrics used to produce garments and accessories. Evidence of competency in this skill would require a minimum of four types of colourisation techniques. Colourisation techniques would be specified to be used in the design process.

Work 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 problem solving and initiative and enterprise and in order to determine desired colourisation effect and suitable techniques. Planning and organising skills are used to achieve colour effects and self management and learning skills are used to assess results and make adjustments as necessary. Communication skills are used to assess effects of colour and complete documentation.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites LMTCL2003B
 LMTCL3001B

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 Identify colourisation techniques	1.1 Types of <i>Fabric colourisation techniques</i> are identified. 1.2 Effects of colourisation techniques on different <i>fabrics</i> are described. 1.3 Processes used to achieve different colourisation techniques are described.
2 Describe uses of colourisation techniques in design process	2.1 <i>Uses of colour</i> to inform and inspire design are described. 2.2 Role of colourisation as production tool is described, including impact on process. 2.3 Effect of colourisation on the design are described
3 Colourise fabrics	3.1 Colourisation techniques are applied to a variety of fabrics. 3.2 Process is analysed to assess outcome. 3.3 Colourisation is modified as required.
4 Ensure workplace standards are met	4.1 <i>OHS practices</i> are implemented in colourising fabrics. 4.2 Colourisation effects and garment quality meet quality standards.
5 Document process	5.1 Techniques used to colourise fabrics and their effects are documented for future reference. 5.2 Documentation is filed and stored.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- uses and performance characteristics of fabrics
- information resources on fibres and fabrics
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- analyse performance characteristics
- use tools and equipment associated with colouring fabrics
- 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 Elements and Performance Criteria, Range Statement, Key Competencies and Assessment Guidelines for this Training Package.

Critical aspects of evidence

Demonstrates skills and knowledge to:

- identify fibres and fabrics
- determine effects of colourising fabrics
- use colourisation techniques to achieve design effects
- apply OHS practices in work operations

Consistency in performance

Consistently applies skills and knowledge when:

- organising work
- completing tasks
- identifying improvements
- using workplace practices
- using OHS practices
- recording and reporting accidents and incidents
- assessing operational readiness of equipment used and work processes
- recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
- completing work systematically with attention to detail without damage to goods and equipment

Resource implications

Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.

Context for assessment

Assessment may occur on the job or in an appropriately simulated environment.

Interdependent assessment

This unit may be assessed independently or in combination with other 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.
Fabric colourisation techniques may include:	• dyeing - shibori, resist (batik) • printing - block, silk screen, transfer, roller, stencilling
Fabrics may include:	• knitted fabrics, including weft knits and warp knits • woven fabrics, including plain, twill, satin, dobby and jacquard • non-woven fabrics such as felts, nets, braids and bonded
Uses of colour may include:	• dyeing fabrics to match others • over-printing fabrics to create a new print design • mixing colours to create something different • removing colour to create print design • emphasise texture and patterns
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

Unit Sector(s)

Sector Fashion Design and Technology