



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD2003B Apply dyeing techniques to produce indigenous textile designs

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to apply fabric dyeing techniques used in indigenous textile designs.

Application of the Unit

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The unit applies to the use of tie dye, and silk dyeing techniques to produce culturally specific designs and artworks for fabrics.

The unit should be customised to accommodate the image use and design protocols and techniques specific to an Aboriginal or Torres Strait Islander community.

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 communication to describe and express indigenous design concepts. Problem solving, planning and organising, initiative and enterprise and self management skills are used to produce dyed fabric which adheres to cultural protocols and achieves desired design effects. Learning skills are applied to review and modify dyeing processes.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites LMTCL2003B

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 Describe dyed designs	<ul style="list-style-type: none">1.1 Application of elements and principles of design in Aboriginal and Torres Strait Islander artwork are identified.1.2 Works of Aboriginal and Torres Strait Islander artists and textile designers are described.1.3 Relationships to own design work are identified.1.4 Protocols for development of culturally specific designs are identified and applied.1.5 Application of design concepts in dyed fabrics is identified.
2 Prepare for dyeing	<ul style="list-style-type: none">2.1 Fabric to be dyed is identified and prepared.2.2 Dyeing processes and practices used by local community are described.2.3 Dyeing technique and dye type to be used is selected.2.4 Effects of dyeing on fabric are identified.2.5 Tools and equipment to be used are prepared.2.6 Dye formulas are selected, measured and mixed to achieve desired result.2.7 Swatches of dyed fabric are used to experiment with and confirm dye recipe.
3 Dye fabrics	<ul style="list-style-type: none">3.1 Dyeing technique is applied to fabric according to OHS practices.3.2 Tools and equipment are used effectively and safely to achieve desired result.3.3 Process is analysed to assess outcome.3.4 Technique is modified as required.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- characteristics of fabrics
- information resources on fibres and fabrics
- principles and elements of design
- culturally specific design and dyeing practices
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- describe design elements
- identify fabric characteristics
- use tools and equipment associated with dyeing 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 Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence	Demonstrates skills and knowledge to: <ul style="list-style-type: none">• recognise and apply cultural protocols for image use, design and dyeing techniques• determine effects of dyeing fabrics• use dyeing techniques to achieve design effects• apply safe practices and procedures
Consistency in performance	Consistently applies skills and knowledge when: <ul style="list-style-type: none">• 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.
Protocols means	<ul style="list-style-type: none">• rules applying to behaviour/practices in a specific cultural context
Fabrics may include:	<ul style="list-style-type: none">• fabrics to be used for garments, textile products or accessories• fabrics in completed products
Dyeing technique may include:	<ul style="list-style-type: none">• tie dye• batik• silk dyeing
Type may include:	<ul style="list-style-type: none">• silk dyes• natural dyes• reactive dyes
Tools and equipment may include:	<ul style="list-style-type: none">• gloves• bucket, sink or container• mixers• dyes, inks
OHS practices	<p>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:</p> <ul style="list-style-type: none">• 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