



Australian Government

Department of Education, Employment and Workplace Relations

LMTFP2003B Cut printed materials by machine

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to cut uniform synthetics and printed leathers using machines, knives and interlocking knives.

Application of the Unit

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The unit applies to the cutting of uniform synthetic and printed leather materials to specifications and workplace quality standards using machines, knives and interlocking knives. It involves the limited application of discretion, initiative and judgement while working to defined procedures and methods.

Work may be conducted in small to large scale enterprises and may involve individual and team 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 the application of skills associated with planning and organising to cut printed materials. Problem solving skills are required to ensure materials conform to requirements and identify any processing problems. Communication skills are used to refer to and complete required documentation. Self management skills are used to ensure safe use of technology and conformance of own work to quality standards.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

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 Assess different qualities and types of materials	1.1 Materials are assessed against job specifications. 1.2 Various types and finishes of materials are checked according to work ticket. 1.3 Materials are sorted according to colour and shade and other specifications.
2 Start up, shut down, adjust and carry out minor maintenance with safety	2.1 Machines are started up and shut down according to safety regulations. 2.2 Cutting board is regularly cleaned, turned and maintained. 2.3 Striker plate is regularly checked for distortion and damage and irregularities reported.
3 Cut linings and components from materials by press or hand	3.1 Knives are selected according to job specifications and size requirements and used according to OHS practices. 3.2 Pressures on press are adjusted to knife sizes and shapes. 3.3 Work ticket specifications are followed according to pairs and pieces. 3.4 Parts are cut to workplace quality standards in relation to materials flaws. 3.5 Individual pairs are selected, colour and grain matched to workplace quality standards. 3.6 Pairs are cut to achieve best yield according to appropriate allowance. 3.7 Distortions and defects on press cutting knives, dies and cutting boards are identified and appropriate action taken. 3.8 Work is carried out according to OHS practices.
4 Check finished product	4.1 Finished product is checked against workplace quality standards. 4.2 Faults are addressed.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- range of materials and their directional strength and stretch
- relevant machines and principles in use of cutting boards
- flaws of leather, including veins, growth marks, ticks and scars
- quality standards and practices
- safety and environmental aspects of relevant product assembly processes
- OHS practices, including hazard identification and control measures
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- operate cutting machines and using cutting boards
- obtain maximum yield and achieve quality standards of the workplace
- undertake general maintenance of machines
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- communicate in 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: • check work against specifications and workplace standards • prepare workstation and work before commencing operations • apply cutting techniques • apply OHS practices in work operations • maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: • organising work • completing tasks according to instructions • working systematically with attention to detail • identifying improvements and avoiding damage • using workplace practices • using OHS practices • recording and reporting accidents and incidents • assessing operational readiness of equipment • recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions
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.
Materials may include:	leather or synthetic materials that have been treated or printed to achieve a uniform finish
Machines may include:	- swing beam press - full beam press - travelling head press - automated press
Knives may include:	- clicking knives - cutting knives - interlocking knives
OHS practices	OHS practices include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may relate to: - 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 - environmental practices

Unit Sector(s)

Sector Footwear Production