



**Australian Government**

# **MSFFT5009 Determine production feasibility of designs**

**Release: 1**

# MSFFT5009 Determine production feasibility of designs

## Modification History

Release 1 - New unit of competency

## Application

This unit of competency covers systematically analysing, assessing and determining the feasibility of designs for translation into commercially viable production that can refer to enterprise and client initiated ideas or requests. It may involve applications associated with original design, adaptation of designs or interpretation of sketches, single or multiple production styles and ranges, and made to order.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

## Competency Field

## Unit Sector

Furnishing Technology

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |   |  |     |   |
|---|--|-----|---|
| 1 | Define the design objectives and detail  | 1.1 | The purpose of the design is defined and/or clarified   |
|   |  | 1.2 | The potential market for the design product is considered and defined   |
|   |  | 1.3 | Intended production materials and outline production processes are identified and agreed as the basis for determination |
| 2 | Establish the design assessment criteria | 2.1 | Criteria for the assessment of production material options are established  |
|   |  | 2.2 | Criteria for the assessment of product functionality are established  |

- 2.3 Criteria for the assessment of production process options and impacts of these on overall business operations are established
    - 2.4 Criteria for the assessment of work health and safety (WHS), and potential liability issues are established
    - 2.5 Criteria for assessment of costs and marketability are established
  - 3 Apply the assessment criteria
    - 3.1 The determination process, including personnel, information/input collection and recording, scoring or grading criteria, and decision making processes are established and agreed
    - 3.2 Products which are competitors/potential competitors in the market place are selected for comparative purposes
    - 3.3 The design is scored/graded against agreed criteria and the results recorded
    - 3.4 Competition products are scored/graded against the agreed criteria and the results recorded
    - 3.5 Assessment results are completed in accordance with the agreed process
  - 4 Determine feasibility and options
    - 4.1 Assessment results of the design and competition products are analysed
    - 4.2 Designs which fail to satisfy assessment and provide no optional potential are rejected
    - 4.3 Designs which fail to satisfy assessment but which have optional/alternative potential are referred to the appropriate party
    - 4.4 Designs which satisfy potential are conditionally endorsed, with the conditions being recorded and passed to the appropriate party
    - 4.5 Formal records of the determination are completed and processed in accordance with enterprise procedures

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

## Range of Conditions

Specifies 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. Range is restricted to essential operating conditions and any other variables essential to the work environment.

### Unit context includes:

- work health and safety (WHS) requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
- work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
- work requires individuals to demonstrate conceptual and analytical ability, discretion, and problem solving and judgement may be required in planning and selecting appropriate processes or procedures for self and others
- work involves the establishment and application of systematic, fair and balanced processes to determine the production feasibility of a design

### Activities include:

- researching design trends and developments
- generating and presenting ideas
- liaison with client and/or other functional areas
- compiling information
- preparing costing

### Personal protective equipment includes:

- that prescribed under legislation, regulations and enterprise policies and practices

### Information and procedures include:

- enterprise business plans
- business reports and trade journals
- product research information covering trends, materials options and market coverage
- organisational work procedures
- legislation/regulations/national and industry codes and practices relevant to furnishing and ergonomics

- quality and Australian Standards and procedures

## **Unit Mapping Information**

Supersedes and is equivalent to LMFFT5012B Determine production feasibility of designs.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>