



Australian Government

MSFFM3031 Prepare cutting lists from design and production documentation

Release: 1

MSFFM3031 Prepare cutting lists from design and production documentation

Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Application

This unit describes the skills and knowledge required to interpret various types of design and production documentation to prepare cutting lists and other information for subsequent processing operations in industries such as cabinet and furniture making and wood machining. Workers with this competency follow established procedures using discretion, judgement and problem solving.

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

Competency Field

Cabinetry and furniture

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Interpret design and production documentation	1.1 Identify documentation required for preparation of cutting list 1.2 Identify components to be produced and their processing requirements from documentation 1.3 Establish quantity, size and shape of components from documentation
2 Prepare cutting lists	2.1 Format cutting list and processing information in accordance with workplace procedures 2.2 Clearly identify and describe all required components using established workplace terminology 2.3 Accurately document component sizes and tolerances in accordance with workplace procedures 2.4 Take account of required quality standards and waste minimisation in preparation of cutting list 2.5 Document subsequent processing requirements and their

	dimensional allowances
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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 familiar workplace procedures and diverse types of design and production documentation
- Writing skills to communicate information in familiar workplace documents
- Numeracy skills to interpret numerical information in design and production documentation, to calculate area and to estimate material usage.

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSFFM3010 Prepare cutting list from plans and job specifications.

Links

Companion Volume implementation guides are found in VETNet – -

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

Assessment Requirements for MSFFM3031 Prepare cutting lists from design and production documentation

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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:

- interpret design and production documentation to prepare cutting lists for at least 4 different production tasks, collectively using 3 different types of material, with each task to involve at least 10 different components.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for the presentation of cutting list information
- purpose and characteristics of different types of design and production documentation and how to interpret the information they contain
- characteristics of production equipment, materials and tooling commonly used and their impact on development of cutting lists
- pattern techniques for optimising use of materials.

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 and production documentation
 - workplace procedures.

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

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