



Australian Government

MSFDN4002 Produce line and component production drawings

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers using computing and software capabilities to produce line and component production drawings intended for use in a furnishing industry production, manufacturing or marketing environment.

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

Pre-requisite Unit

Competency Field

Unit Sector

Furnishing design

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1	Produce line drawings	1.1	Drawing preparations, including essential information on product range, dimensions, customer requirements and enterprise information management systems, are obtained/completed
		1.2	Presentation style and method and appropriate software capabilities are selected and applied
		1.3	Drawings accurately reflect the product specification
		1.4	Drawings cover the required product range
		1.5	Drawings are clear and comply with customer presentation requirements
2	Prepare component production	2.1	Drawing preparations, including the essential information on component specifications, dimensions and drawing and labelling management, are

drawings

obtained/completed

- 2.2 Drawing conventions and specifications to be noted on the drawing are identified
- 2.3 Dimensions are plotted and connected to match appropriate drawing view/perspective
- 2.4 Production notes, special requirements and drawing information are noted as required
- 2.5 Drawing is checked for accuracy, clarity and compliance with enterprise documentation requirements
- 2.6 Drawing is labelled and stored or processed in accordance with enterprise requirements

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 individual to demonstrate discretion, judgement and problem solving
- work is performed with little external assistance and with minimal supervision or direction
- drawing is to be undertaken in accordance with established

	industry and/or enterprise practices and procedures
Drawings include:	• customers may be internal or external • manual and computer-aided processes and both two and three-dimensional
Tools and equipment include:	• drafting table • drawing aids • computing equipment and workstation • special lighting conditions
Materials include:	• drawing • computing consumables
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	• customer and component specifications/instructions • work procedures/instructions • enterprise information management systems as they relate to drawing management • legislation/regulations/codes relevant to the work undertaken • quality and Australian Standards and procedures

Unit Mapping Information

Supersedes and is equivalent to LMFDN4002B Produce line and component production drawings

Links

Companion Volume implementation guides are found in VETNet -

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