



Australian Government

MSFPPF4001 Design and construct ornamental frames

Release: 1

MSFPPF4001 Design and construct ornamental frames

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers designing and constructing ornamental frames considering elements and principles of design to maintain/enhance the historic, sentimental or monetary value of artwork.

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

Pre-requisite Unit

Competency Field

Unit Sector

Picture Framing

Elements and Performance Criteria

Elements describe the essential outcomes.

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

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| 1 | Identify design requirements | 1.1 | Customer requirements relating to the display of the artwork and frame features are determined |
| | | 1.2 | Work area is cleaned and prepared to handle artwork in accordance with workplace standards |
| | | 1.3 | Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work |
| | | 1.4 | Workplace quality assurance requirements are recognised and adhered to throughout the work |
| | | 1.5 | Artwork is handled in accordance with industry recognised handling methods and workplace procedures |
| | | 1.6 | Artwork is assessed for colour qualities to identify primary, secondary, tertiary, harmonic and contrasting colours by |

		colour wheel, and the aesthetic/mood evoking nature
	1.7	Artwork is assessed against the elements and principles of design and their impact on preservation/restoration and framing selection determined
	1.8	Design concept is developed and confirmed with the customer
2	Develop frame design	
	2.1	Historic, sentimental or monetary value of artwork ascertained through examination, research and/or consultation with customer
	2.2	Artwork is assessed to identify any impact preservation or restoration will have on frame design
	2.3	Compatibility of framing materials with the artwork is determined from manufacturer and industry information
	2.4	Principles of colour design are applied to select mat and framing materials to complement artwork
	2.5	A provisional design package is developed for presentation and discussion with customer
	2.6	Design package is revised to reflect customer requirements
3	Construct ornamental frame	
	3.1	Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work in terms of quality, serviceability and safety
	3.2	Machinery is used in accordance with workplace procedures throughout the work, including use of personal protective equipment
	3.3	Material is cut to size and laid out in the required design
	3.4	Specialised/ornamental components are moulded/turned/carved/manufactured in accordance with workplace procedures
	3.5	Frame components are finished in compliance with the design specifications and assessed for fit and aesthetic appearance
	3.6	Frame is joined to comply with design in accordance with workplace procedures
	3.7	Finish to the frame and its fittings is applied to comply with design in accordance with workplace procedures

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| | 3.8 | Work is checked against required quality standards with any non-conformity being rectified | | | | | | | | |
| | 3.9 | Customer endorsement of finished frame is sought and any modifications identified and implemented | | | | | | | | |
| 4 | Complete work | <table border="0"> <tr> <td>4.1</td> <td>Scraps and off-cuts are removed for disposal/recycling as required by workplace procedures</td> </tr> <tr> <td>4.2</td> <td>Work area is cleaned and rubbish disposed of as appropriate</td> </tr> <tr> <td>4.3</td> <td>Workplace documentation is completed as required</td> </tr> <tr> <td>4.4</td> <td>Tools, equipment and unused materials are cleaned and stored following workplace procedures</td> </tr> </table> | 4.1 | Scraps and off-cuts are removed for disposal/recycling as required by workplace procedures | 4.2 | Work area is cleaned and rubbish disposed of as appropriate | 4.3 | Workplace documentation is completed as required | 4.4 | Tools, equipment and unused materials are cleaned and stored following workplace procedures |
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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.

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| Unit context includes: | <ul style="list-style-type: none"> • 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 some discretion, judgement and problem solving |
| Frame design includes: | <ul style="list-style-type: none"> • considering elements and principles of design to maintain/enhance the historic, sentimental or monetary |

	value of artwork
Elements of design include:	• line • direction • shape • size • texture • value • colour
Principles of design include:	• repetition • alteration • harmony • graduation • contrast (or opposition or conflict) • dominance • unity and balance
Influences on compatibility of frame design include:	• frame package design to suit required level of preservation • framing style to match image quality and aesthetic value • mouldings, fittings and attachments to suit framing and hanging requirements
Ornamental frames include:	• those required for artwork where its aesthetics and/or value deem it necessary • frames fitted with ornate/elaborate embellishment for 2-D or 3-D artwork
Construction techniques include:	• moulding of composite • creating moulds • frame preparation • application of composite to frame and carving/ornamentation/decoration as required
Tools and equipment include:	• saws (circular, drop, docking and mitre) • chisels • underpinners • screwdrivers • marking out tools • pincers • pliers • touch-up material • glues • finishing tools, including files and sandpaper
Frame materials include:	• timber • metal/alloy extrusion • synthetic and composite construction

Personal protective equipment includes:

- that prescribed under legislation, regulations and enterprise policies

Information and procedures include:

- customer requirements
- industry preservation standards and requirements, including legal implications
- work instructions, including job sheets, plans, drawings and designs
- literature relating to the history and preservation of artwork
- workplace procedures relating to reporting and communication

Unit Mapping Information

Supersedes and is equivalent to LMFPF4001B Design and construct ornamental frames.

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 MSFPF4001 Design and construct ornamental frames

Modification History

Release 1 - New unit of competency

Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Design and construct three (3) frames using timber, metal/alloy extrusion and synthetic and composite construction, displaying techniques of moulded and carved finishes and including at least one (1) alternate joining technique
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Major categories of art media
- Liabilities and obligations relating to framing artwork
- Framing materials and techniques of frame building
- Elements and principles of design and the qualities/influence of colour
- Materials used in artworks
- Chemical reactions between artworks and framing materials
- Restoration/preservation techniques
- Operation requirements of equipment and work systems in work area
- The effect of this process on the artwork

Assessment Conditions

- Assessors must:

- hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
- have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
- be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to customer/work requirements, design facilities, joining tools and equipment, frame assembly and finishing requirements.

Links

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